



**United States
v.
Rami Ghanem**

CR 15-704 (A)-SJO

Trial Exhibit Book 7

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA

VS. GHANEM

PLAINTIFF'S EXHIBIT 700

DATE _____ IDEN.

DATE _____ EVID.

BY _____

DEPUTY CLERK

AO 386

From: Lachezar Dinchev <luchikwien@gmail.com>
Sent: Tuesday, November 18, 2014 7:18 AM
To: Rami Ghanem <Ramtih@gmail.com>
Subject: Fwd: P7204521, P7204511, P7204507, P7204490, P7204489, P7204488, P7204485, P7204371, P7204348, P7204337
Attach: P7204521.jpg; P7204511.jpg; P7204507.jpg; P7204490.jpg; P7204489.jpg; P7204488.jpg; P7204485.jpg; P7204371.jpg; P7204348.jpg; P7204337.jpg

HELIKOPTERS READY FOR SALE.
4.5 MLN USD AT PRESEN CONDITION.
6.5 MLN USD AFTER FULL OVERHAUL.

----- Препратено съобщение -----

От: "Jiří Tomeš" <TomesJ@dozon.cz>

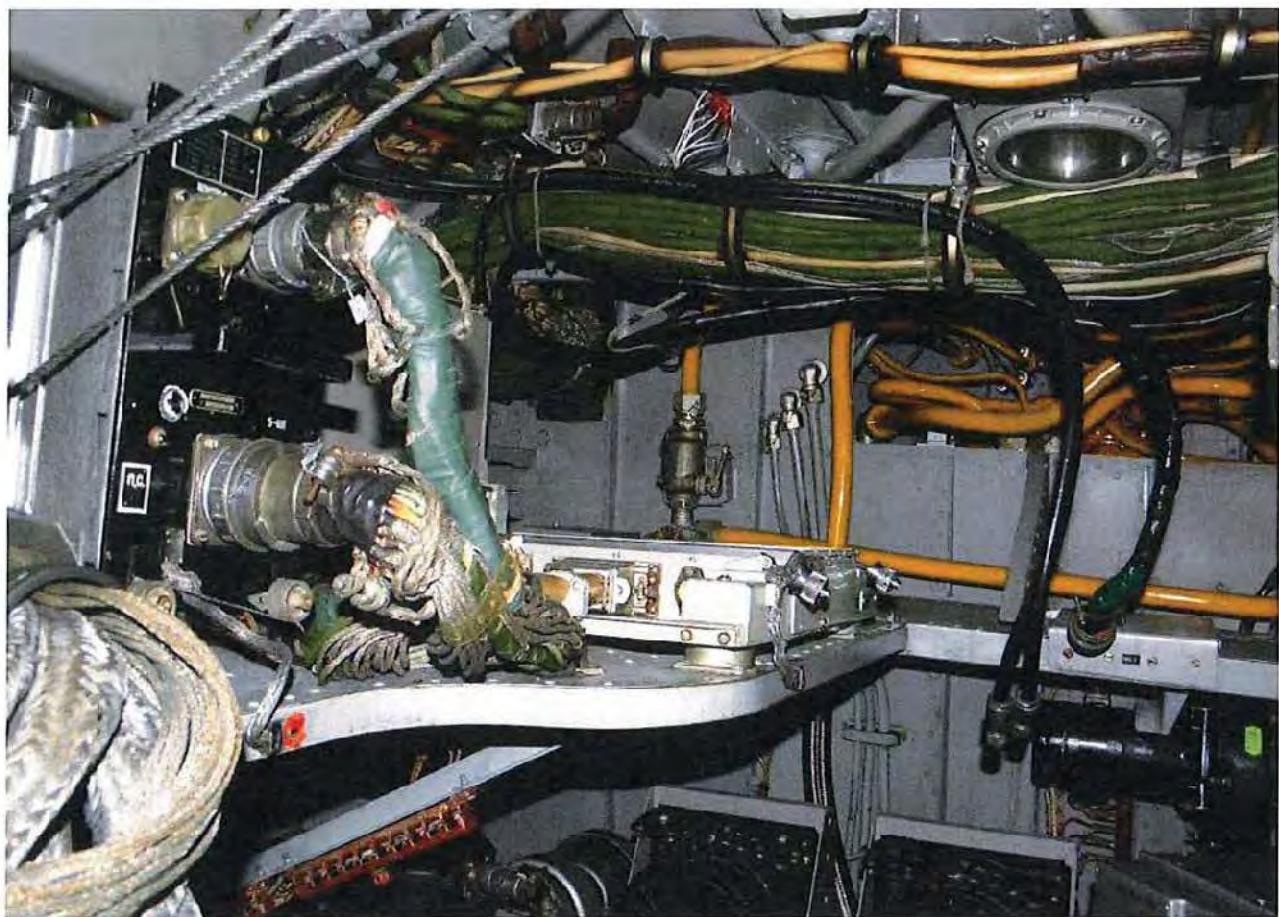
Дата: 07.11.2014 18:12

Тема: P7204521, P7204511, P7204507, P7204490, P7204489, P7204488, P7204485, P7204371, P7204348, P7204337

До: "luchikwien@gmail.com" <luchikwien@gmail.com>

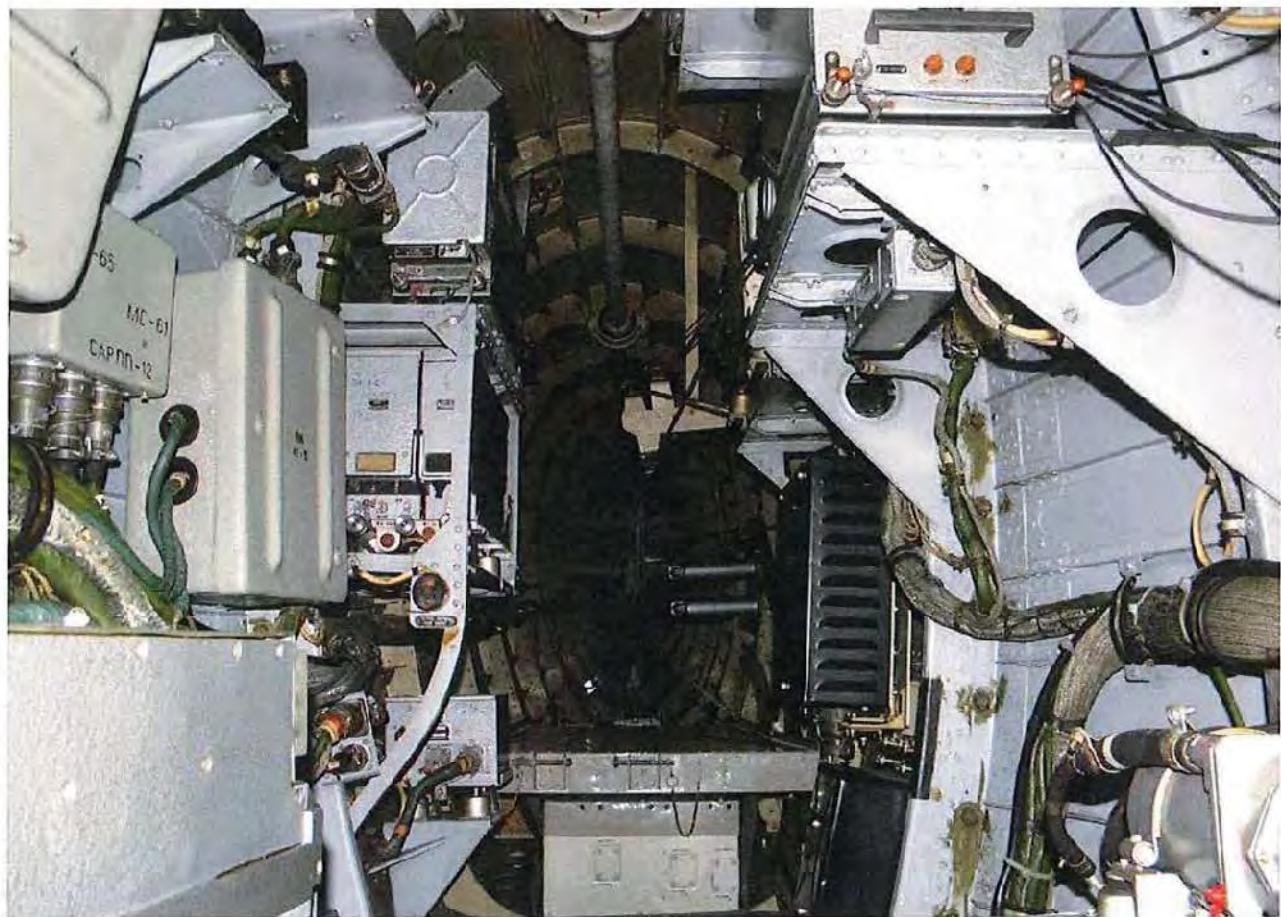
Як:

Jiri TOMES,PhD.
Managing Director
DOZON s.r.o
Pomezni 9,182 00 Praha 8,CZ



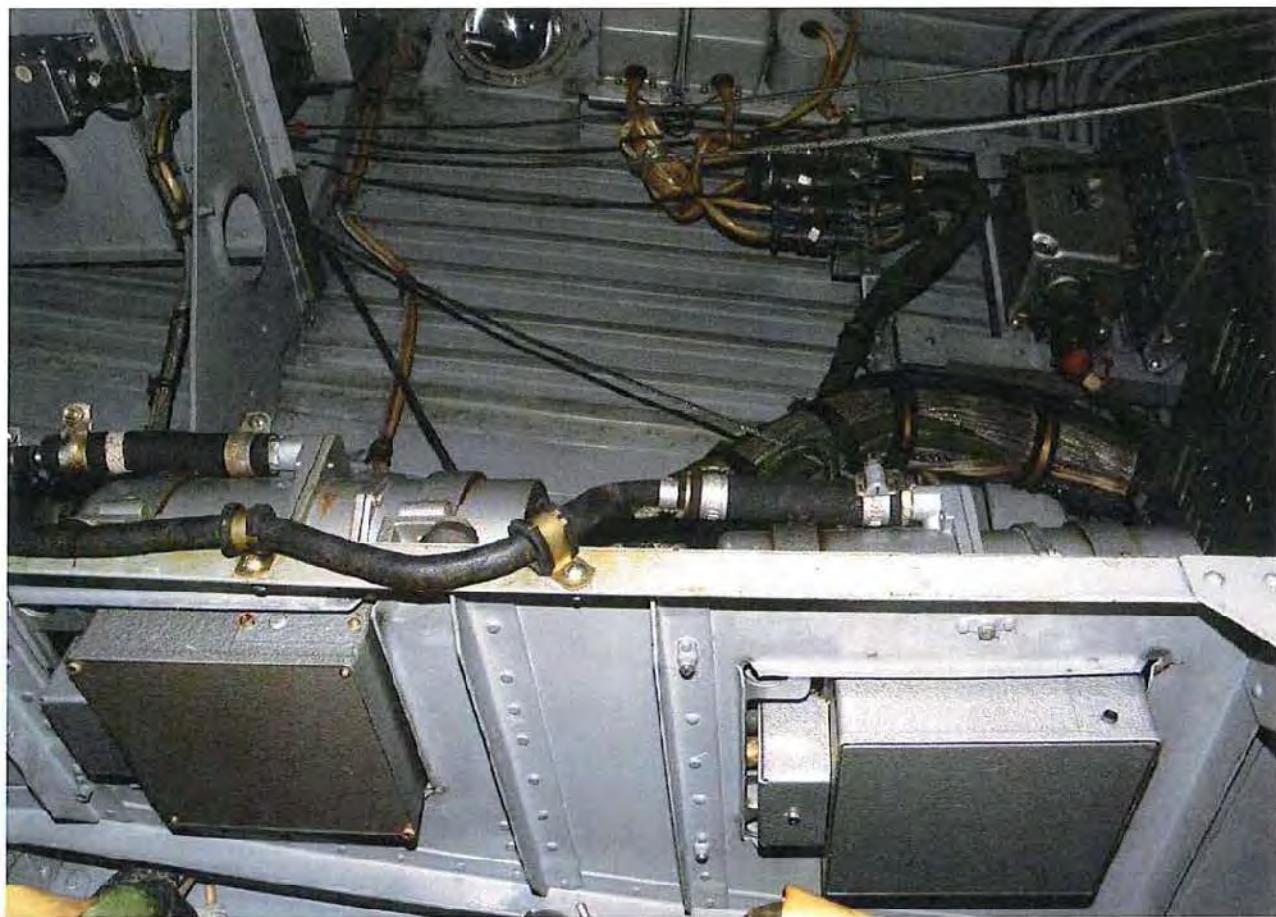
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Ghanem_00000241



00095750

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00095751

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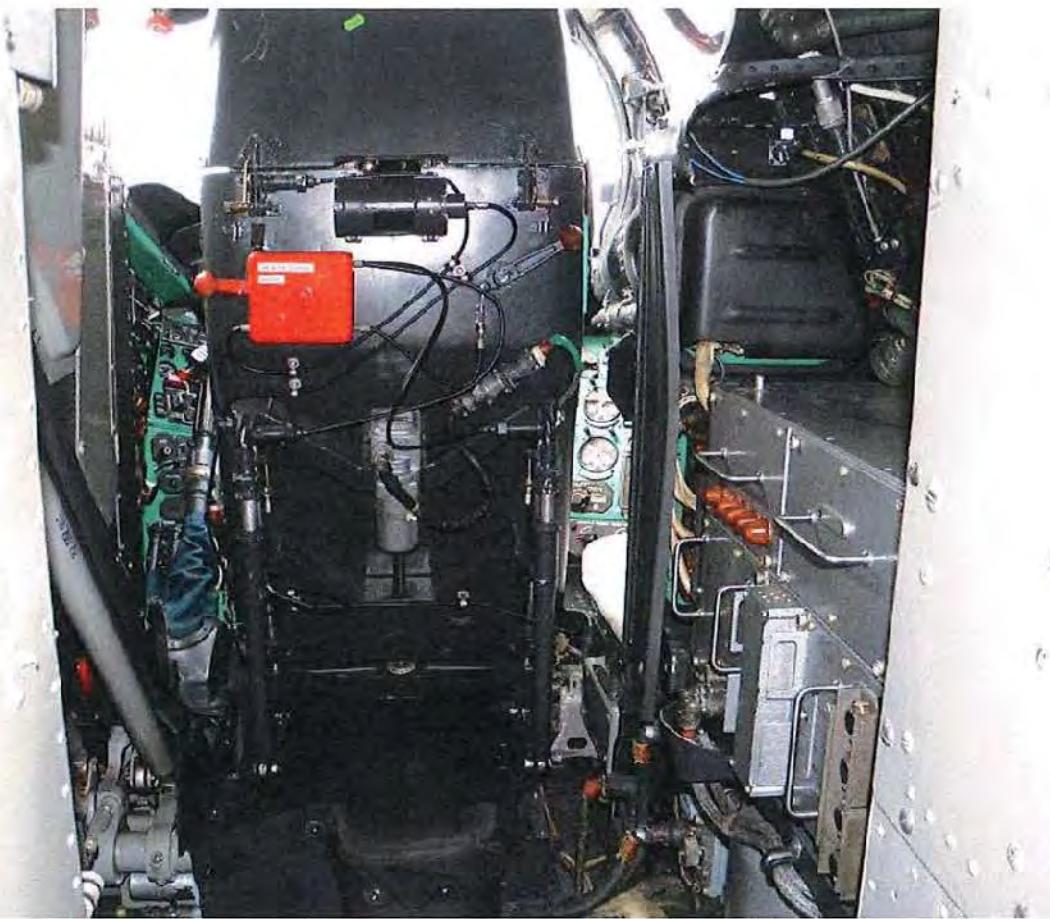
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Ghanem_00000241



00095757

Ghanem_00000241

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA
VS. GHANEM

PLAINTIFF'S EXHIBIT 701

DATE _____ IDEN. _____

DATE _____ EVID. _____

BY _____
DEPUTY CLERK

AO 386

From: Rami Ghanem <ramithe@gmail.com>
Sent: Friday, July 4, 2014 6:47 AM
To: Hseen Jwad <hseenjwad@yahoo.com>
Subject: RE: السلام عليكم و رمضان كريم
Attach: Mi-17 (Mi-8 MTV) 08016 01 03 2014 (3).pdf; Mi-17 (Mi-8 MTV) 08015 01 03 2014.pdf; 1 Proposal-iss-1Mi-17 (FF).pdf; 1 Proposal-iss-1Mi-24 (FF) .pdf; offer for Iraq.pdf

السلام عليكم ورحمة الله وبركاته

مرفق طيه العرض الاصلی يرجى طباعته وتسليمہ للحجی ابو حوراء ولکم الشکر والامتنان

-----Original Message-----

From: Hseen Jwad [mailto:hseenjwad@yahoo.com]
Sent: Thursday, July 3, 2014 10:10 PM
To: ramithe@gmail.com
Subject: السلام عليكم و رمضان كريم

وصلتني رسالتك، وتحن بانتظار القائمة

<<...>> <<...>> <<...>> <<...>> <<...>>

ПЕРЕЧЕНЬ

агрегатов и комплектующих изделий с ограниченным ресурсом и сроком службы, установленных
юздушном судне Ми-17-1В, бортовой номер ЕХ-08016 17.02.1987 г. выпуска

(тип ВС) (бортовой номер)

(Бортов
ой
номер)

по состоянию на «_01_» _марта_ 2014_ г.

ремонт 06.08.2010г. СНЭ 2373/ ППР 423 часа.

№ п/п	Наименование агрегата	Шифр агрегата	Заводской номер	Ресурсы планера и агрегатов				Дата выпуска	Ремонт		Наработка		Остаток ресурса до очередного календарного часа	Дата окончания назначенного ресурса	Остаток ресурса, оставшийся до продления	Продления					
				Resources					Repair		Operating					Extensions					
				Назнач.		Межрем.			Repair		Operating					Extensions					
				Час	Лет	Час	Лет		Ремонтная организация	Дата ремонта	Час	Час	Remaining time before repair resource		Calend. or time expiry date		Organization realized extensions				
				hour	year	hour	year		Repair organization	Date of repair	From the beginning	After overhaul	hour	hour	hour		Date of extensions				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17					
1	Двигатель Engine	ТВЗ-117ВМ	Н/8М1 633173	4500		1500	10	22/08/86	Гянджа	20/10/08	2030	423									
2	Двигатель Engine	ТВЗ-117В	Н/78МТ 613006	4500		1500	10	15/01/86	Гянджа	10/09/09	1914	423									
3	Главный Main Gearbox	ВР-14	104014 190312 0	6000		2000	10	30/03/89	Гянджа	05/12/08	989	423									
4	ВСУ Auxiliary	АИ-9В	400036 9	6000	отб.	600 зап.	1000 отб.	13/01/81		26/12/08	4771 отб.	982отб.	491зап.								
5	Автомат Swash plate	8-1950 000	Л53090 07	3000		1500	8	12/09/85	Хелисота	06/08/10	1846	423									
6	Вал Tail rotor drive	8А-1516-	Л53090 49	6000		2000	6	18/09/85	Хелисота	06/08/10	2313	423									
7	Промежуточ Intermediate	8А-1515-	Л54120 70	6000		2000	6	17/12/85	Хелисота	06/08/10	2371	423									
8	Хвостовой Tail gearbox	246-1517-	Л54122 44	6000		2000	6	30/12/85	Хелисота	06/08/10	2371	423									
9	Втулка НВ Main rotor hub	8-1930 000	Л93520 7	3000		1500	8	31/10/89	Ступино		2106	423									
10	Рулевой Tail rotor with	246-3904-	МХ501 0232	3000		1000	7	30/04/85			1602	423									
11	Лопасти ХВ Anti-torque	246-3925-	МХ552 79009	1000	7			С2 06 09			423										
12	Лопасти НВ Main rotor blades	8АТ-2710-00	21Э074 27	2,000	7			19/01/10			423										
13	Цепь Control circuit	ПР-15,875	781	1000	7			16/09/09			423										
14	Карданный Universal joint	8А-6314-	008442 р	3000		1500	7	21/08/90	Хелисота	06/08/10	1007	423									
15	Вентилятор Fan	8А-6311-	СВ4150 4026	6500		1500	7	31/10/85	Хелисота	06/08/10	2371	423									
16	Гидроусилит Hydraulic	КАУ-ЗОБ	И-09052 4230	7500	30	1500	8	19/09/90	Хелисота	06/08/10	1853	423									
17	Гидроусилит Hydraulic	КАУ-ЗОБ	И-08038 8621	7500	30	1500	8	18/08/90	Хелисота	06/08/10	1853	423									
18	Гидроусилит Hydraulic	КАУ-ЗОБ	И-10125 4395	7500	30	1500	8	16/10/91	Хелисота	06/08/10	2202	423									
19	Гидроусилит Hydraulic	РА-60Б	И-05149 0184	7500	25	1500	8	12/05/91	Хелисота	06/08/10	1853	423									

ПЕРЕЧЕНЬ

агрегатов и комплектующих изделий с ограниченным ресурсом и сроком службы, установленных
на воздушном судне Ми-17-1В, Бортовой номер EX-08015 выпуска 31.01.1987.

(тип ВС) (бортовой номер)

(Бортов
ой
номер)

по состоянию на «_01_» марта 2014 г.

ремонт 09.08.2010г. СНЭ 1592/ ПНР 397 часа.

№ п/п	Наименование агрегата	Шифр агрегата	Заводской номер	Ресурсы планера и агрегатов				Дата выпуска	Ремонт		Наработка		Остаток ресурса до окончания календарного	Дата окончания календарного	Остаток наименования другого ресурса	Продления		
				Resources					Repair		Operating					Extensions		
				Назнач. appointeed	Межрем. Between repair	Час	Лет		Repair organization	Date of repair	СНЭ	ППР	Час	From the beginning of repair	After overhaul	Remaining between repair resource	Calendar time expiry date	Организация, осуществляющая продление
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
1	Двигатель Engine	ТВ3-117В	H78М-533215	4500		1500	10	07/09/85	Гянджа	12/03/09	294	397						
2	Двигатель Engine	ТВ3-117В	H78М-892300	4500		1500	10	29/04/89	Гянджа	10/10/08	2157	397						
3	Главный Main Gearbox	ВР-14	Л04014-4903424	8000		2000	10	17/11/89	Гянджа	03/12/08	1353	397						
4	ВСУ Auxiliary	АИ-9В	225092-4400328	8000	отб.	600 зап.	1000 отб.	19/12/84		12/02/09	420101-6. 2145за	922отб. 461зап.	780тб. 139зап.					
5	Автомат Swash plate	8-1950000	Л5308007	3000		1500	8	20/08/85	Хелистата	09/08/10	1591	397						
6	Вал Tail rotor drive	8А-1515-	Л5309061	9000		2000	6	19/09/85	Хелистата	09/08/10	1591	397						
7	Промежуточ Intermediate	8А-1515-	Л5309055	9000		2000	6	18/09/85	Хелистата	09/08/10	1591	397						
8	Хвостовой Tail gearbox	246-1517-	Л5309070	8000		2000	6	20/09/85	Хелистата	09/08/10	1591	397						
9	Втулка НВ Main rotor hub	8-1930000	С8281879	3000		1500	8	30/06/88	Ступлино	09/08/10	1029	397						
10	Рулевой Tail rotor with	246-3904-	МХ99-0023	3000		1000	7	25/02/99			788	397						
11	Лопасти ХВ Anti-torque	246-3925-	МХБ52-80009	1000	7			02.06.09			397							
12	Лопасти НВ Main rotor blades	2710-08- 2710-08- 2710-08- 2710-08-	2ТЭ104-27, 2ТЭ044-27, 2АТ-2710, 2ТЭ034	2,000	7			19/10/10			397							
13	Цепь Control circuit	ПР-15,875	428	1000	7			08/07/09			397							
14	Карданный Universal joint	8А-6314-	9НКА	3000		1500	7	28/12/09			397							
15	Вентилятор Fan	8А-6311-	ОВ1150-4240	6500		1500	7	04/04/85	Хелистата	09/08/10	1591	397						
16	Гидроусилит Hydraulic	КАУ-305	Н12646-1081	7500	30	1500	8	31/12/86	Хелистата	09/08/10	1620	397						
17	Гидроусилит Hydraulic	КАУ-305	Н12646-1115	7500	30	1500	8	31/12/86	Хелистата	09/08/10	1620	397						
18	Гидроусилит Hydraulic	КАУ-305	Н12646-0918	7500	30	1500	8	31/12/86	Хелистата	09/08/10	1692	397						
19	Гидроусилит Hydraulic	РА-605	Н11646-0301	7500	25	1500	8	26/11/86	Хелистата	09/08/10	1620	397						



1 PROPOSAL: 4 X MI 17'S

This proposal is based on a verbal request and is supplied in generic form. Certain assumptions are made due to lack of written directive and knowledge of end user.

1.1 ASSUMPTIONS

- Original copies of end user certificates from a non-embargoed End User country
- All expenses are to be pre-paid up front in order complete negotiations and contracting
- Flying hours for calculations is assumed at 960 hours per year per helicopter for both types (worst case scenario) practically would entail 480 per a/c per year which extrapolates to 80 hrs per a/c per month.
- Infrastructure for repairs is available
- Infrastructure to house personnel is available

2 HELICOPTERS

2.1 OPERATIONS REQUIREMENTS

In order to operate a flight of helicopters such as 4 x Mi-17 or equivalent Mi-8 MTV helicopters for a prolonged period, a support system is required. The helicopters can be operated ideally with Mi-24's as the ground support equipment is largely common as is the spares, consumables and crew requirements. This proposal is complementary to that of the Mi-24 and should comfortably keep the aircraft serviceable for a period of at least 2 years.

2.1.1 HELICOPTERS

Fully serviceable or fully refurbished units of the following are recommended. They will have a warranty period of 1 year and 200-300 hours. No TBO will be required for many years with only periodic servicing. Suggested helicopters:

- 4 x Mi-17/Mi-8MTV

2.1.2 OPERATIONAL APPLICATION SCENARIO

- **PERIOD OF OPERATION** (calculation purposes only)



GATEWAY TO MENA

- Once aircraft (fully refurbished) are delivered they will be capable of operations for at least 2 years in terms of ground support & test equipment and most spares. A life before TBO should be around 8 years.
- A 6 month operation period is provided as an example of the requirement in terms of fuel, crews, consumables etc. No ammunition will be required but weapons beams can be fitted as an option, which in turn will require underwing pods and weaponry as well as associated ammunition.

▪ **DEPLOYMENT SCENARIO**

- Deployment calculated for in terms of support equipment is as follows:
 - Main facility where aircraft & crews are based. The following is assumed:
 - Permanent structure of sorts should there be a major repair, such as engine, gearbox change. It is also necessary to service helicopters under cover. Same structure can be used for spares and ground equipment storage
 - Runway structure of sorts even if short
 - Fuel storage
 - Crew quarters
- Deployment bases of temporary nature. Support equipment for 2 such deployments (in support of Mi-24 aircraft are catered for) each of a week in length with possible equipment and personnel

▪ **MAINTENANCE DOWNTIME**

3-5 days at the most will be scheduled for 200hr service which requires around 120 hrs of work. Scheduling will take place to ensure that 2 aircraft do not have same service requirements at same time. The personnel recruited to do the operational support are capable of doing all the servicing's required.

2.1.3 GROUND SUPPORT & TEST EQUIPMENT

Ground support for the 4 x Mi-17 is proposed. The list below is a list which will be compatible with that of the Mi-24 and thus has less equipment than normal. If something additional is required during the 6 month operational deployment this will be optional to the operational budget for miscellaneous mishaps and requirements.



GATEWAY TO MENA

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GATEWAY TO MENA

2.1.3.1 LIST FOR BASIC EQUIPMENT

Helicopter and engine		Description	QTY
1	Tow bar	8AT-9800-00	1
2	Hydraulic Jacks	8AT-9907-00	4
3	Portable pump unit	ПНА-1М	1
4	Multipurpose Ladder	8AT-9917-00	1
5	Wheel chocks	245-9926-01	6
6	Baleds Mooring Ropes	246-9900-3080	5
7	Swash Plate Sling	8AT-9920-00	1
8	Installation for engines preservation	24-99-00 УКД-1	1
9	Baled Tracking device	8AT-9937-00	1
10	Holder for trim tabs bending	245-9918-00	1
11	Goniometer for trim tabs of main rotor blades	8AT-9939-00	1
12	Sling for main rotor blades lifting	8AT-9903-00	1
13	Sling for main rotor hub lifting	8AT-9921-00	1
15	Greaser for oil filling in feathering hinge of tail rotor hub	8-100	1
16	Engine lifting beam	8AT-9908-00	1
17	Engine transportation and Pre-assembly trolley	140-9802-00, У6360-0769	1
18	Tool for blades wear checking	У6360-2455	1
19	Engine and Main Gearbox Separating Fixture	8AT-9913-00	1
20	Tail Rotor Sling	8AT-9925-100	1
21	Portable Hydraulic Unit	246-9977-00	1
22	Fixture for play measurement	6360/504	1
23	Fixture for measurement of bearing axial play	6360/714	1
24	Fixture for checking of tail rotor wobbling	8AT-9914-00	1
25	Fixture for checking of tail rotor misalignment	8 0071-20	1
26	Drain Hose for Fuel	8A-99010-00A	3
27	Hose for draining of oil from main gearbox	8AT-9918-00	1
28	Hose for draining of oil from engine	245-9981-00	1
29	Fixture for main gearbox lifting	8AT-9943-00	1
30	Extractor for wheel tyres	СШ-04	1
31	Ultrasonic unit for filters flushing	УЗУ-4-1,6	1
32	Torque wrench, 7 kgf/m	8AT-9102-130	2
33	Torque wrench, 135 kgf/m	8AT-9103-10	2
34	Torque wrench, 300 kgf/m	8AT-9114-00	2
35	Torque wrench, 20 kgf/m	8AT-9102-80	2
36	Torque wrench, 0-200 kgf/m	M9500-100	2



GATEWAY TO MENA

37	Fixture for fire-extinguisher bottles checking/charging	6600-1570	1
38	Special wrench for fire-extinguisher bottles	АПС-6600-240-8	1
39	Tensometer with torque bushes	ИН-11	1
40	Oil meter for oil level checking in hinges	В1911М-02	1
41	Oil meter for oil level checking in hinges	В1911М-03	1
42	Tool for measurement of pressure in wheel tube	246-9904-00	1
43	Drain hose for AMG-10	245-9969-00	1
44	Stand for main gearbox	8АТ-9906-00	1
45	Sling for tail rotor lifting	8АТ-9925-100	1
46	Datum leveling bar	246-9982-00	1
47	Metallic mirror	8-АТ-9107-01	1
48	Framed mirror	8АТ-9101-210	1
49	Mirror with magnet	8АТ-9101-150	1
50	Tape measure 50m	50m	1
51	Textolite hammer	6420/0120	2
52	Duralumin hammer	6420/0130	2
53	Set of airborne tools in case	242-9100-7000	1
54	Set of universal tools in case	8АТ-9101-00	1
55	Special tool	8ТВ-9112-00	1
56	Special tool	8МТ-9102-00	1
57	Tools set for radioelectronic equipment	8АТ-9107-00	1
58	Tools set for electronic equipment	8АТ-9106-00	1
59	Tools set for instruments	8АТ-9108-00	1
60	Tool box for engine	7818.002	1
61	Gages set	№2, №3 ГОСТ 882-64	2
62	Lens 7	ГОСТ 7594-55	1
63	Measuring bucket	4621А	1
65	Funnel for hydrosystem	1-1-ОCT110892-73	1
66	Funnel for sediment collecting	246-9927-7080	1
67	Funnel for fuel	2-2-ОCT110892-73	1
68	Litre can	4623А	1
69	Pan for oil collecting	242-9927-7100	1
70	Pan	4635А-1	1
71	Funnel with filter	246-9976-7000	1
72	300mm metallic ruler	300mm	1
73	Main Rotor Hub Bench	140-9907-00	1
	Aircraft equipment		
74	Grease Gun for generator bearings filling	8Б-6455000	1
75	Device for checking of ИВ-500Е	УПИВ-500 УПИВ-У	1
76	Device for ГТ40ПЧ8В generators phasing	245-9974-00	1

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GATEWAY TO MENA

78	Device for checking of 2ИА-6 equipment	КП-5 УПТ-1М	1
79	Control tachometer device	КТУ-1М	1
81	Pitot Static Checkout equipment	КПА-ПВД	1
82	Checkout installation	КПУ-3	2
84	Device	ВД-10К	2
85	Device	УС-450К	2
86	Megohmmeter, 500V	М-4100/3	1
87	Installation for manometers checking	ГУПМ-300	1
88	Tester for checking of РИО-3	ТПС-3	1
89	Battery tester	АП	2
90	Re-winder	ПУ-67М	1
91	Variometer	ВАР-30МК	1
92	Installation for checking of АМП	УКАМП	1
93	Check point of ЭРД-3В	ПНК-3В	1
94	Installation for converters checking	УПП-1 УПП-1М УПП2	1
95	Device for checking of РТ-12-6	ПКРТ-27	1
96	Device for three-pointer instruments checking	ЭУПМ-2М	1
97	Installation for fuel gauges checking	КПА-ТПР-1	1
101	Checkout console of ССП	ПП-ССП	1
102	Checkout for АП-34Б checking	ПАА-34Б	1
103	Checkout for АГБ-3К checking	ПА-АГД-1	1
104	Resistance box	Р-33 КМС-6	1
105	Thermocouple exention	Loom-T/C	1
106	AI-9B thermocouple tester	AI-9B Loom-T/C	1
107	Testing Set for TB3-117 and AI-9B Engines Starting Check	ИЧИ-4	1
109	Cable for СТГ3-2с Alternator Checking	СТГ-3 Extention loom	1
110	Cable for П-1 Simulator	П-1 Sim	1
111	Cable for ССП-ФК-2С checking	ССП-ФК Loom	1
112	Checking unit (with cables) for САРПП-12 Flight Data Recorder	КПА-САРПП-12	1
113	BUR Flight Data Recorder Checkout Gear	КПА-4-1 БУР	1
114	Battery Checking Device	12-CAM	1
Avionics			
115	Device for YADRO-1G1 Radio checking	Блок 28	1
116	Device for Baklan-20 Radio checking	КПА-Baklan-20	1
117	Device for radio altimeters checking	КПА А-037, А-034-4-22	1
118	Millivoltmeter	В3-13	1
119	Digital Voltmeter	ВК2-6	1
120	Microhmmeter	М246	1



GATEWAY TO MENA

121	Pulse generator	Г5-15	1
122	Voltammeter	Ц4313	1
123	Oscillograph	С1-35	1
124	Generator	Г4-11А	1
125	Noise generator	ГД-398	1
126	Resistance box	Клас 0,1	1
127	Megaohmmeter	М1101 М4100/3	1
128	100V Megaohmmeter	М4100/1	1
129	DC Ammeter 0.....10A, 0,5 class	Ammeter 0.....10A	1
130	AC Voltmeter, 0...150V 400Hz, 0,5 class	Voltmeter, 0...150V	1
131	Output Power Meter	В3-10А	1
132	Voltmeter	В7-15, В7-16, В7-28	1
133	Voltmeter	В3-41,В3-57	1
134	Stopwatch	СМ-60	1
135	DC bridge, class 0,5	DC bridge	1
136	Dynamometer with 0,2kg scale	Dynamometer	1
137	Oscillograph	С1-64 С1-65	1
138	Digital Voltmeter	В7-20, ВК-10А	1
139	Frequency meter	Д-506/3	1
140	Frequency meter	Ч3-32, Ч3-54, Ч3-64, Ч3-34	1
141	Galvanometer	ГМП	1
142	Generator	Г3-111	1
143	Generator	Г4-106, Г4-107	1
144	Modulation meter	СК3-46	1
145	Autotransformer	ЛАТР-1	1
146	Adjustable voltage source	ИРН-64	1
147	Ground recorder	РИ-65Н	1

Aircraft armament

148	Attachment for EKCP-46 checking	242-9106-50	2
149	Unit for check of safety angles of pivot bolt block	245-9919-100	1
150	Beam elevating key ASO-2V	И-Е7Р/575.80.00.000.0	2
151	Bush for lock check	ИБД3-57КУ.Сб.3	2
152	Control ball	9-А-326Ш.Сб.	2
153	Wrench for selsyn	9-А-020-И-2	2
154	Control panel for electric circuit of missile system	ПКЦ-РС, ПКЦ-PCM	2
155	Torque wrench 0-200 kg/cm	М9-500-100	1
156	Caliper 0...250	ШЦ-1-250	1
157	Dynamometer 50 kgf/m	Dynamometer 50	1
158	Tape measure 50m	50m	1

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GATEWAY TO MENA

159	Optical quadrant	КО-1, КО-30	1
160	Set of tools for БДЗ-57КрВ	БДЗ-57КрВ-Т	1
161	Tool	242-9112-7000	1
162	Tool	242-9112-7100	1
163	Tool	242-9112-7200	1
164	Tool	242-9112-7300	1
165	Tool	242-9112-7400	1
166	Tool	242-9112-7500	1
167	Cassette - probe	K1-Е7Р.575.50.00.000.0	1
168	Cassette - probe	K1-Е7Р.575.60.00.000.0	1
169	Adapter	242-9983-20	1
170	Adapter	242-9983-30	1
171	Tube for harmonisation	ТХП-12-80	1
172	Tube for harmonisation	ТХП-7,62-80, УП-7-160	1

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2.1.4 SPARES

The spares list is as below. No alteration is made for the extra helicopters because of certain commonalities between Mi-24 and Mi-17. Operational usage might determine certain short comings which will need to be replenished when the helicopters are in use.

No.	Description	Part Number	QTY
1	Engine	TB3-117MT	1
2	Main rotor blade	8AT-2710-000	1
3	Main gearbox	BP-14	1
4	Main rotor hub	8-1930-000	1
5	Swash plate	8-1950-000	1
6	Tail rotor assy	8-3904-000	1
7	Fan Shaft Assy	8A-6314-000	1
8	Air-to-Oil Radiator	5349T	1
9	Shut-Off valve	768600MA	1
10	Forked end trunnion	8АП-0710-21	2
11	Tail shaft	8A-1516-000	1
12	Intermediate gearbox	8A-1515-000	1
13	Exhaust pipe nozzle	242-6810-20	1
14	Lug	8АП-0730-31 СДВ-5000-ОА	2
15	Hydraulic damper		1
16	Solenoid valve	610200A	1
17	Bracket	8AT-7502-11	2
18	Bracket	56-7511-401-2	2
19	Bracket	8AT-9420C-40	2
20	Bushing	2414A57-8-11-7	6
21	Bushing	2414A57-8-10-3	6
22	Bushing	2414A57-8-11-7	6
23	Tachometer gauge	Д-2МТ	1
24	Hinge	8AT-7502-71	2
25	Cable assy	8-5200-08/1	2
26	Bushing	2414A57-8-10-6	4
27	Main Rotor Brake	56-1400-00	1
28	Bolt	3027A-30-3.5	5
29	Two channel solenoid	ГА-185У	1
30	Cable assy	8-5200-03/2	2
31	Hinge	8AT-0200-5013	1
32	Hinge	8AT-0200-5035	1
33	Temperature Controller	ТЭР-1М	3



34	Lower Hinge	8AT-0700-23	2
35	Lower Hinge	8AT-0700-43	2
36	Upper Hinge	8AT-0700-13	2
37	Upper Hinge	8AT-0700-33	2
38	Lower Hinge	8AT-0700-21	2
39	Lower Hinge	8AT-0700-41	2
40	Upper Hinge	8AT-0700-11	2
41	Upper Hinge	8AT-0700-31	2
42	Bolt	3014A-8-16-4	6
43	Brake Cable assy	56-1400-84	2
44	Pressure transmitter	ИДТ-8	2
45	RPM Indicator	ИТЭ-2Т	1
46	Bearing support	1600-03	1
47	Bolt	3051A-6-38-3	2
48	Bolt	3001A-8-78	2
49	Shaft	1340051-6-32-28,5	1
50	Inductive sensor	ИД-100	1
51	Bolt	3027A-8-6-4	2
52	Transmitter	УЗП сер. 2	1
53	Temperature bulb	П-1	3

2.1.5 DOCUMENTS

A full set of documents will be provided.

2.1.6 MUNITIONS

No Munitions will be supplied for the Mi-17/Mi-8 MTV unless the beams are ordered as an optional extra together with weaponry pods and thus the ammunition.

2.1.7 PERSONNEL

2.1.7.1 FLYING CREW

A total of 20 flying crew is budgeted for to enable leave period every 6 week period on a rotation basis without a break in operations. There is an overlap of crews to enable effective handover and airline schedules. Included is an insurance levy as well as a monetary reserve for medical evacuation and repatriation of injured crews. Crews only get paid on station.

2.1.7.2 TECHNICAL CREW

Same as above but crew's total 6 as some of the flying crews double as technical staff.



GATEWAY TO MENA

2.1.8 FUEL ESTIMATES (WORST CASE SCENARIO)

Mi-17: 80 hr x 4 per month x 1000kg =320000ltr @ \$1.50Ltr

2.2 MI-8-17-171/2: BASIC

Product Code: H-MI17-002

Support documents: Technical Proposal (DN: To be issued), Spares (DN: To be provided), Commercial (DN: To be provided)

Description

Clarification of designations

The Mi -17 is a general reference to the following aircraft with certain varying capability:

- Mi-8 T versions with TV-2-engines with VR-8 gearbox- Earlier models from around 1975 year of manufacture
- Mi-8MCB versions with MI- TB3-117BMA CBM1B 4E engines. Modified VR-14 Main Gearbox.
- Mi-8 MTV versions with TV-3-117MT, MTV versions of engine with associated VR -14 Main Gearbox.
- Mi-17 (export designation of Mi-8 MT/MTV series). This aircraft has TV-3- 117 MT or MTV engines. A mix of the two types is logically compatible
- Mi-171/2 is a new series of "Mi-17" with modifies airframe to include port and starboard doors as well as a rear ramp

General Description

The Mi-17 is a multifunctional transport helicopter, with superb performance characteristics, capable of performing flights in marginal conditions. This multipurpose transport aircraft is a single-rotor helicopter with a conventional tail rotor. The main Rotor has five blades with the tail rotor having three blades. The helicopter has tricycle landing gear (with a nose wheel).



GATEWAY TO MENA

The Mi-17 range of aircraft installed with TV3-117VM engines allow a full performance envelope in operational conditions, especially in high temperatures and reduced air conditions. The auxiliary power unit provides self-regulation of helicopter operation. Mi-17 helicopter in transport and passenger versions can fulfil the following missions:

- transport up to 35 passengers;
- transport up to 4000 kg cargo in the cargo cabin;
- transport up to 4000 kg on the external sling;
- transport of 12 stretcher cases accompanied by medical personnel;
- lifting, loading and unloading of cargoes in flight;
- search and rescue missions;
- fire-fighting operations;
- carrying of up to 14 persons in VIP cabin.
- Weapons capability with weapons beams and systems installed



Figure 1: Mi-17 with weapons beams 3 x C-8 rocket pods

Specification

Technical: A separate detailed specification document is available on request. A basic specification follows:

		Mi-17
1	Engine type	TB3-117VM
2	Max Output power (hp)	2 x 2200 hp
3	Engine starting system	APU



GATEWAY TO MENA

4	Operating ceiling (m)	6000
5	Definition Dynamic ceiling(m)	6300
6	Practical range (km)	740
7	Fuel consumption (l/h)	2 x 215 g/hr
8	Max all up weight (kg)	13 000
9	Standard takeoff weight (kg)	11100
10	Internal cargo, max (kg)	4 000
11	External cargo, max (kg)	4 000
12	Cruise speed at 1000m (km/h) @ standard takeoff weight @ max takeoff weight	220-230 205-215
13	Range with one external Tank	900km
14	Maximum ambient temperature @ constant output power	+60°C



GATEWAY TO MENA

Delivery status:

Used: A delivery in this state is on condition and on availability. (Commercial considerations to be negotiated prior to sourcing)

Refurbished: In this instance suitable airframes are found and returned to Original Equipment Manufacturer (OEM) Plant for full refurbishment. The status on completion is as follows:

- Full resources on airframe: 7000hr and 8 years
- Full resources on major components:
 - Engines ;Time between Overhaul (TBO): 2000hrs and 8 years
 - Auxiliary Power Unit(APU): TBO =1800 starts and 300 hrs
 - Main Gearbox – TBO is 3000hrs and 8 years
 - Maximum resources on all major equipment such as rotor head/swash plates, auxiliary gearboxes etc.
- New main & tail rotor blades.
- Fully corrosion treated and painted in Client colour

Stock

	New	Used	Refurbished
Availability	Only 171	Yes conditional	Yes

Warranty

Used: As is condition. No warranty usually supplied but is case dependant

Refurbished: Warranty is 300hrs and 1 calendar year.

2.3 MI-8/17/171 OPTIONS

The Mi-17 can be modified and fitted with various equipment to standardise its use for specific operations required by certain clients. These options can be fitted on site after delivery. The following is a condensed list of items and systems than can be offered:

Technical Descriptions:

On request only:

Optional Equipment

No	Description	Included/Excluded
1	Spares 1:1	Included in spares
2	NVG modification including Goggles spares package, spares & ground training	Excluded
3	Chadwick blade balancing system	Excluded
4	ACO-2B Chaff & Flare	Excluded
5	BYR-2 Digital data recorder	Excluded
6	ADROS IR jamming system	Excluded



GATEWAY TO MENA

7	Weapons Beams	Excluded
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GATEWAY TO MENA

Munitions



The Mi-17 can have weapons beams fitted which can carry all the munitions that the Mi-24 can carry with the exception of the ATAKA guided missile.

Figure 2: Mi 17 weapons beams



1 PROPOSAL: 4 X MI 24'S

This proposal is based on a verbal request and is supplied in generic form. Certain assumptions are made due to lack of written directive and knowledge of end user.

1.1 ASSUMPTIONS

- Original copies of end user certificates from a non-embargoed End User
- All expenses are to be pre-paid up front in order complete negotiations and contracting
- Flying hours for calculations is assumed at 960 hours per year per helicopter for both types (worst case scenario) practically would entail 480 per a/c per year which extrapolates to 80 hrs per a/c per month.
- Infrastructure for repairs is available
- Infrastructure to house personnel is available

2 HELICOPTERS

2.1 OPERATIONS REQUIREMENTS

In order to operate a flight of compatible helicopters such as 4 x Mi-24, for any reasonable period, a support system is required. Ideally 2 x extra Mi-17 should be considered if prolonged operations are required. This is a requirement despite this being only a proposal for Mi-24 Helicopters

To adequately support these helicopters for a limited period, the following is recommended.

Note: helicopters, ground support equipment and spares should be adequate for a period of 2 years:

2.1.1 HELICOPTERS

Fully serviceable or fully refurbished units of the following are recommended. They will have a warranty period of 1 year and 200-300 hours. No TBO will be required for many years with only periodic servicing. Suggested helicopters:

- 4 x Mi-24

2.1.2 OPERATIONAL APPLICATION SCENARIO

- **PERIOD OF OPERATION** (calculation purposes only)



GATEWAY TO MENA

- Once aircraft (fully refurbished) are delivered they will be capable of operations for at least 2 years in terms of ground support & test equipment and most spares. A life before TBO should be around 8 years.
- A 6 month operation period is provided as an example of the requirement in terms of fuel, crews, consumables etc. Ammunition can be recommended but its use is entirely a Client consideration

- **DEPLOYMENT SCENARIO**
 - Deployment calculated for in terms of support equipment is as follows:
 - Main facility where aircraft & crews are based. The following is assumed:
 - Permanent structure of sorts should there be a major repair, such as engine, gearbox change. It is also necessary to service helicopters under cover. Same structure can be used for spares and ground equipment storage
 - Runway structure of sorts even if short
 - Fuel storage
 - Munitions storage
 - Crew quarters
 - Deployment bases of temporary nature. Support equipment for 2 such deployments of a week each is included in possible equipment and personnel

- **MAINTENANCE DOWNTIME**

3-5 days at the most will be scheduled for 200hr service which requires around 120hrs of work. Scheduling will take place to ensure that 2 aircraft do not have same service requirements at same time

2.1.3 GROUND SUPPORT & TEST EQUIPMENT

Ground support for the 4 x Mi-24 is proposed. A detail list with part numbers will be available on contracting with the suppliers is available. This is only reflected as a line item in the commercial table.

2.1.4 SPARES

Same as for para 2.1.3

2.1.5 DOCUMENTS

A full set of documents will be provided.



GATEWAY TO MENA

2.1.6 MUNITIONS

A nominal quantity for each type is placed in the commercial table. Despite many types of munitions being available only C-8 rockets and 12.7mm nose turret gun is reflected.

2.1.7 PERSONNEL

2.1.7.1 FLYING CREW

A total of 20 flying crew is budgeted for to enable leave period every 6 week period on a rotation basis without a break in operations. There is an overlap of crews to enable effective handover and airline schedules. Included is an insurance levy as well as a monetary reserve for medical evacuation and repatriation of injured crews. Crews only get paid on station.

2.1.7.2 TECHNICAL CREW

Same as above but crew's total 6 as some of the flying crews double as technical staff.

2.1.8 FUEL ESTIMATES (WORST CASE SCENARIO)

Mi-24: 80 hr x 4 per month x 1000kg =320000ltr @ \$1.50Ltr



GATEWAY TO MENA



Figure 1: Mi-24



2.2 MI-24 V: BASIC DESCRIPTION

Support documents: Technical Proposal (DN: To be issued), Spares (DN: To be provided), Commercial (DN: To be provided)

Description

The Mi-24 is a two crew (Pilot & Weapons System Officer) combat helicopter capable of carrying 8 x equipped troops in a cabin. The helicopter has 2 x TV-117V engines with an output of 2200hp each.

Stub Wings: Each stub wing has 3 weapons stations capable of 1200kg of ordinance each. This mix can be a variation of:

- External fuel tanks
- A variety of bombs up to a maximum of 500 kg per single station
- C5 (57mm) ballistic rockets-older ordinance
- C-8 (80mm)ballistic rockets-in use by most users
- KMGU-23 combined 23mm cannon and grenade launcher

Note: choice of weaponry is a Client prerogative and suspended launchers are optional

Nose Gun: The WSO is equipped with sighting, arming systems as well as a 12.7mm turreted cannon. Round capacity is 1200. The round a universal 12.7mm and can be taken from any ground forces source.

Operational advantages: The range of the helicopter is around 430km (dependant on conditions) using internal fuel @ max speed of 320km. Refuelling can be done using gravity, and ammunition loading is by hand with the minimum of ground equipment.

Specification

Technical: A separate detailed specification document is available on request.

Delivery status:

Used: A delivery in this state is on condition and on availability. (Commercial considerations to be negotiated prior to sourcing)

Refurbished: In this instance suitable airframes are found and returned to Original Equipment Manufacturer (OEM) Plant for full refurbishment. The status on completion is as follows:

- Full resources on airframe: 4000hr and 8 years
- Full resources on major components:
 - Engines ;Time between Overhaul (TBO): 2000hrs and 8 years



GATEWAY TO MENA

- Auxiliary Power Unit(APU): TBO =1800 starts and 300 hrs
- Main Gearbox – TBO is 3000hrs and 8 years
- Maximum resources on all major equipment such as rotor head/swash plates, auxiliary gearboxes etc.
- New main & tail rotor blades.
- Fully corrosion treated and painted in Client colour

Stock

	New	Used	Refurbished
Availability	Not available	Yes conditional	Yes

Warranty

Used: As is condition. No warranty usually supplied but is case dependant

Refurbished: Warranty is 200hrs and 1 calendar year.

2.2.1 MI-24 OPTIONS

The Mi-24 can be modified and fitted with various equipment to standardise its use for specific operations required by certain clients. The following is a condensed list of items and systems than can be offered: This can in most cases be done after delivery and on site.

Technical Descriptions:

On request only:

Optional Equipment

No	Description	Included/Excluded
1	Spares 1:1	Included in spares list
2	SAFT Nicad batteries & servicing laboratory	Excluded
3	NVG modification including Goggles spares package, spares & ground training	Excluded
4	Chadwick blade balancing system	Excluded
5	ACO-2B Chaff & Flare	Excluded
6	BYR-2 Digital data recorder	Excluded
7	ADROS IR jamming system	Excluded

Munitions

- 12.7mm Ammunition





GATEWAY TO MENA

- Caliber: 12.7 x 108mm
- Rate of Fire: 4000/4500 rounds per min
- Muzzle velocity: 810 per sec
- Effective range: 1500 m

- C-8 Rocket



- ATAKA GUIDED MISSILE

- Rockets in pod : 20
- length x diameter: 2760 x 520mm
- weight, empty: 160 kg
- weight, loaded: 282 kg



- Universal Cannon container УПК23-250

- Range:1000-5800m
- Mass: 50kg
- Calibre : 130 mm
- Speed: 550 m/sec
- Max on aircraft : 8 per helicopter



- Range: 2000m
- Calibre : 23mm x 2 barrels
- Speed: 550 m/sec
- Rate of fire: 3/400 rounds per sec
- Ammo load: 250 rounds

- Grenade launcher 9-A-800 (30mm grenade)



GATEWAY TO MENA



- Range: 800-1700m
- Calibre : 30mm
- Weight : 18 kgs
- Rate of fire: 350-400 per min
- Ammo load: 30 grenades per box



GATEWAY TO MENA

- Mine Launcher КМГУ-2



- Launch fragmented fire and accumulative warheads
- Internal units: 8 with mined
- Mass: 540 kg full container
- Application altitude 100 -16000m
- Launch speed: < 500km

- Rocket C-24(240mm)



- Range: 2000m
- Calibre : 23mm x 2 barrels
- Speed: 550 m/sec
- Rate of fire: 3/400 rounds per sec
- Ammo load: 250 rounds



GATEWAY TO MENA

07032014O-IQ

July 03 2014

Gateway to MENA. Reference Number 07032014O-IQ, hereby submit an official offer of OEM (Original Equipment Manufacturer) military weapons.

No	Items	Year of Manuf.	Origin	Quantity	Price per Item USD	Total Price USD
1	Sukhoi Su-25 3 months for delivery	2013 new	Georgia	6	\$20,000,000	\$ 120,000,000.
2	Mi 24/35 3 months for delivery	1985, 1987, 1988	RU/ Georgia	6	\$9,400,000	\$56,400,000
3	ZPU 14.5mm Ulan-Ude MI-17 Aerial Gunships subject to export clearance Crewed a \$1,500,000.00 Per Month, minimum 6 months contract 24 pilots including 08 instructors 32 service technicians and mechanics (Peruvian, Mexican, Belorussian nationalities) GSE support 1,000 hours before next overhaul Includes: 5000 x S5 MKO rockets with 36 pods UB32 + 150 x Fab 100-120 bombs	1981-1986	RU	6	\$66,000,000	66,000,000
4	Transport Helicopters Mi-17 (Mi-8 MTV) with the fuselage and main aggregates undergone a complete overhaul	1987	RU	2	\$9,800,000	\$19,600,000
4	Mi-24 Fully refurbished painted in Client color 8 x C-8 Pods Gunship	1986, 88, 89, 85	Ukraine	4	\$7,600,000	\$30,400,000
5	Mi-17 Fully refurbished painted in Client color 8 x C-8 Pods Gunship	1985, 86, 87, 86	Ukraine	4	\$9,800,000	\$39,200,000
6	Observation and Surveillance Balloon with Laser and rocket launcher 2 months for delivery	New	USA, Ukraine, South Africa	5	\$ 1,600,000	\$ 8,000,000
7	MI-17V-5 (MI-171E)	New	Russia	8	\$17,800,000	\$142,400,000

No	Items	Year of Manuf.	Origin	Quantity	Price per Item USD	Total Price USD
9	82mm Mortar Shells	1991	RS	20,000	\$82.00	\$1,640,000.00
10	M1943 (120-PM-43) 120mm Mortar Launcher	1981	RU	100	\$14,500.00	\$1,450,000.00
11	Sniper Rifle SVD 7.62×54mmR	New	RU	1,000	\$5,500.00	\$5,500,000.00
12	7.62×54mmR	New	BH	500,000	\$750.00/1K	\$375,000.00
13	PK Machine Gun Bipod Stock	1990	RU	1,000	\$3,600.00	\$3,600,000.00
14	Dshk 12.7 Machine Gun Tripod stock	1987	RU	100	\$14,500.00	\$1,450,000.00
15	RPG 7 Launchers	1990	RU	1,000	\$2,900	\$2,900,000.00
16	PG-7VL A/T	New	BG	3,000	\$975.00	\$2,925,000.00
17	PG-7VLT Tandem	New	BG	2,000	\$1,800.00	\$3,600,000.00
18	AK47 Rifles 7.62×39mm	1985	RU	15,000	\$290.00	\$4,350,000.00
19	7.62×39mm Ammunition	1982	RU	20,000,000	\$215.00/1K	\$4,300,000.00
20	SPG 9 Kopye	New	BG	75	\$27,500.00	\$2,062,500.00
21	PG-9V AT	New	BG	870	\$1,075.00	\$935,250.00



GATEWAY TO MENA

No	Items	Year of Manuf	Quantity Ready Ship	Price per Item USD	Total Price USD	Origin
1.	AK-47 wood stock Days For shipping: Immediately after EUC is approved by government of Export	Stock 1985+	1,000	\$ 360	\$ 360,000	Russia
2.	RPG-7 Anti-Tank Launcher 85 mm Days For shipping: Immediately after EUC is approved by government of Export	Stock	55 Launchers	\$ 2,200	\$ 121,000	Russia
3.	PGO-7 (2.7x) or UP -7V Telescopic sight	Stock	55 Sights	\$ 1,890	\$ 103, 950	Russia
4.	RPG -7	Stock	55 Launchers	\$ 2,300	\$126, 500	Russia
5.	PGO-7 (2.7x) or UP-7V Telescope sight	Stock	55 sights	\$ 1,950	\$107, 250	Russia
6.	PG-7VL 85mm Heat Projectiles	Stock	20,000 projectiles	\$ 480	\$ 9,600,000	Russia
7.	Black Arrow 93 12.7 X 108 sniper rifle with 8x32 optics	2014	50	\$ 18,000	\$ 900,000	Serbia
8.	ORSIS 5000 .338 LP Sniper Rifle	2014	100	\$ 17,000	\$ 1,700,00	Russia
9.	ZPU-14.5 mm	1984+	10	\$ 44,000	\$ 440,000	Russia
10.	PK/PKS Machine Gun	1987+	449	\$ 4,500	\$ 2,020,500	Russia
11.	5.45mm Tantal wz. 88	1999+	2,500	\$ 400	\$ 1,000,000	Poland
12.	RPG 2 Launchers	1986+	1500	\$ 2,300	\$ 3,450,000	Russia
13.	SPG 9 Kopye	1986+	3	\$ 22,000	\$ 66,000	Russia
14.	ZSU-23-4 Shilka	1980 (3 months for shipping)	3	\$ 650,000	\$ 1,950,000	Russia
15.	Dushk -M 12,7mm	60 days for shipping	200	\$ 13,200	\$ 2,640,000	Russia
16.	14 mm towed machine Gun single Barrel	21 days for shipping	30	\$ 12,900	\$ 387,000	Croatia
17.	14.5 mm Gun ZPU	40 days for shipping	100	\$ 7,900	\$ 790,000	Chez
18.	14.5 mm KPV/T Gun	40 days to ship	30	\$3.200	\$ 96,000	Chez
19.	ZU -23-2 A.A Machine gun 2 Barrel	60 days to ship	30	\$ 49,000	\$ 1,470,000	Russia
20.	7.62 X 54 mm PKM Machine Gun Bi-pod	60 days to ship	450	\$ 4,200	\$ 1,890,000	Russia
21.	Three Pod for PKM	60 days to ship	450	\$ 820		

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GATEWAY TO MENA

N ^o	Items	Year of Manuf	Quantity Ready Ship	Price per Item USD	Total Price USD	Origin
22.	Machine Gun PK(M)	12 days to ship	350	\$ 2,950	\$ 1,032,500	Bulgaria
23.	PKM 7.62 mm Machine gun	45 days to ship	700	\$ 3,920	\$ 2,744,000	Yugoslavia
24.	Machine Gun PK (M84)	45 days to ship	700	\$ 2,300	\$ 1,610,000	Croatia Refurbished
25.	PKM 7.62 mm Machine Gun	45 days to ship	700	\$ 3,920	\$ 2,744,000	Yugoslavia
26.	7.62 X 54mm Machine Gun type UK-59 with Fplded or Fixed stock	30 days to ship	500	\$ 1,275	\$ 637,500	Chez
27.	Long Range Sniper	60 days to ship	100	\$14,200	\$ 1,420,000	Serbia
28.	RPG 7 A.T Launcher	60 day to ship	400	\$ 2,190	\$ 876,000	Russia
29.	Rocket Launcher RPG	45 days to ship	500	\$1,480	\$ 740,000	Croatia
30.	Rocket Launcher RPG-7(v)	14 days to ship	700	\$ 1,790	\$ 1,253,000	Bulgaria
31.	SPG 9 complete with optical scope +ZIP 1:1	45 days to ship	50	\$ 13,750	\$ 687,500	Chez
32.	AK 47 refurbished 3 magazines fixed or folded stock	45 days to ship	20,000	\$ 180	\$ 3,600,000	Croatia
33.	AKM(S) 7.62 X 39	12 days to ship	20,000	\$ 270	\$ 5,400,000	Bulgaria
34.	V-58 Assault rifle 7.62X39mm	30 days to ship	4000	\$ 150	\$ 600,000	Chez
35.	23mm ZSU-4 Shilka Tank	60 days to ship	4	\$ 180,000	\$ 720,000	Russia
36.	AK 47 M-70 7.62X 39mm	Ready to ship	12,000	\$ 195	\$ 2,340,000	Serbia
37.	RPK M-72 7.62X39mm	Ready to ship	2,800	\$ 245	\$ 686,000	Serbia
38.	PKM M-84 Tri pod	Ready to ship	1200	\$ 1,785 \$ 600	\$ 2,142,000 \$ 720,000	Serbia



GATEWAY TO MENA

No	Items	Year of Manuf	Quantity Ready Ship	Price per Item USD	Total Price USD	Origin
39.	60mm Mortar M57 Bi pod	New 40 days to ship	100	\$2,300	\$ 230,000	Bosnia
40.	60mm Mortar M70 Bi pod Commando	New 40 days to ship	100	\$ 3,200	\$ 320,000	Bosnia
41.	82mm M69A Mortar Bi Pod	New 40 days to ship	30	\$ 3,180	\$ 95,400	Bosnia
42.	60mm Mortar M70	Ready to ship	100	\$ 2,680	\$ 268,000	Yugoslavia
43.	60mm Mortar M57	Ready to ship	200	\$ 3875	\$ 775,000	Yugoslavia
44.	82mm Mortar M69A	Ready to ship	100	\$ 4500	\$ 450,000	Yugoslavia
45.	120mm Mortar M75	Ready to ship	25	\$ 14,000	\$ 350,000	Yugoslavia

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Ghanem_00000241-0005



GATEWAY TO MENA

No	Items	Year of Manuf	Quantity Ready Ship	Price per Item USD	Total Price USD	Origin
46.	7.62 x39mm (Loose) AK-47 Ammunition Days For shipping: Immediately after EUC is approved by government of Export	Stock 1981+	3,000,000	\$.17	\$ 510,000	Russia
47.	7.62 x54mm (Belted) PKM Ammunition Days For shipping: Immediately after EUC is approved by government of Export	Stock 1978+	1,000,000	\$.39	\$ 390,000	Russia
48.	PG-7VR 85mm HEAT Tandem Projectiles Days For shipping: Immediately after EUC is approved by government of Export	New or Stock 2013+	1,000	\$ 695	\$ 695,000	Russia
49.	PG-7VR 85 mm HEAT Projectiles	New stock	2,000	\$ 650	\$ 1,300,000	Bulgaria
50.	Ammunition 7.62 X 54 for PKC	1975	1,000,000	\$.25	\$ 250,000	Russia
51.	Ammunition 7.62 X 39 for AK 47	1975	1,000,000	\$.18	\$ 180,000	Russia
52.	7.62 x39mm (Loose) AK-47 Ammunition	1984+	30,000,000	\$.15	\$ 4,500,000	Ukraine
53.	RPG- 75 cartridge 68mm	90's+	9,000	\$ 820	\$ 7,380,000	Bulgaria



GATEWAY TO MENA

Item	Type	QTY	Unit Price USD	Total Price USD
1.	MI-17	4	\$4,511,765	\$18,047,060
2.	MI-14	8	\$880,000	\$7,040,000
3.	Mi-171.	8	\$22,000,000	\$176,000,000
4.	MI-24 V	10	\$900,000	\$9,000,000
5.	MI-24 P	6	\$1,800,000	\$10,800,000
6.	BTR-80	200	\$190,000	\$38,000,000
7.	DshK-M 12,7mn	200	\$13,800	\$2,760,000
8.	Kpvt 14,5mm	200	\$14,800	\$2,960,000
9.	SA-58 magazin AK-47	50000	\$155	\$7,750,000
10.	AMD-65 	20,000	\$170	\$3,400,000
11.	PKM 762	450	\$4,486	\$2,018,700
12.	SV sniper	100	\$11,000	\$1,100,000
13.	BM-21 Grad	60	\$195,500	\$11,730,000
14.	BMP-1	100	\$130,000	\$13,000,000
15.	BMP-2	200	\$224,000	\$44,800,000
16.	T-55	250	\$85,000	\$21,250,000
17.	T-72	105	\$110,000	\$11,550,000
18.	T-55,T-72 simulator	2	\$34,000	\$68,000
19.	T-72 laser gun	8	\$37,200	\$297,600
20.	P-18 radar system	4	\$2,200,000	\$8,800,000
21.	Pontoon bridge	2	\$2,000,000	\$4,000,000
22.	IGLA	95	\$88,300	\$8,388,500
23.	ZU-23	30	\$48,000	\$1,440,000
24.	Scorpio	20000	\$180	\$3,600,000
25.	RPG-7V	250	\$2,650	\$662,500
26.	PG-7	4000	\$1,600	\$6,400,000
27.	RPG-9V	100	\$4,285	\$428,500
28.	PG-9	2000	\$1,850	\$3,700,000
29.	FAB-100 bomb	100	\$260	\$26,000
30.	FAB-250 bomb	100	\$410	\$41,000
31.	D-30 gun	100	\$26,000	\$2,600,000
32.	ZU-2	45	\$18,800	\$846,000

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Ghanem_00000241-0007



GATEWAY TO MENA

	ITEMS	QTY	Unit price USD	Total price	Production
1	Round with antitank grenade PG – 7V (VM)	30,000	255	\$7,658,823.53	2014
2	Round with antitank grenade PG-7	17,000	135	\$2,300,000.00	after 1985
3	Round for RPG-7 with antipersonnel grenade OG – 7V	50,000	115	\$5,764,705.88	2014
4	Round with antitank grenade PG – 9V	20,000	351	\$7,011,764.71	2014
5	Round for SPG-9 with antipersonnel grenade OG – 9V	20,000	352	\$7,035,294.12	2014
6	AT Missile System KONKURS:		-	\$0.00	
	- Launcher 9P135M1	100	40,353	\$4,035,294.12	
	- Missile 9M113	300	18,176	\$5,452,941.18	
7	Cartridge 7,62 x 39 mm	5,000,000	0.14	\$685,714.29	after 1980
8	12,7 mm (API, APIT)	1,500,000	4	\$5,343,750.00	after 1980
9	14,5 mm (API, APIT)	1,000,000	6	\$6,250,000.00	after 1980
10	122 mm Rocket for BM-21 MLRS	10,000	684	\$6,835,294.12	after 1986
11	57 mm unguided rocket "S – 5/KO,KP/	30,000	452	\$13,552,941.18	2014
12	80 mm unguided rocket "S – 8/KOM	15,000	2,071	\$31,058,823.53	2014
13	Machine Gun PK(M)	350	2,924	\$1,023,235.29	New from stock/unused
14	Light Antitank Rocket Launcher - RPG-7(V)	700	1,792	\$1,254,235.29	New from stock/unused
15	7.62 x 39 mm AKM(S) Assault Rifle	20,000	260	\$5,200,000.00	New from stock/unused



GATEWAY TO MENA

Por_a bs	Type	Denomination	Year of production	Origin	QTY	Unit Price \$	Total Price \$
1	Ammunition	100 mm HE for T-55	86+	RU	35,000	\$142.86	\$5,000,000.00
2	Ammunition	100 mm HEAT for T-55	72+	RU	6,500	\$131.43	\$854,285.71
3	Ammunition	100 mm HE for MT-12	76+	RU	7,200	\$157.14	\$1,131,428.57
4	Ammunition	100 mm HEAT for MT-12	84+	RU	8,500	\$144.29	\$1,226,429
5	Ammunition	100 mm APFSDS for MT-12	80+	RU	9,500	\$158.57	\$1,506,429
5	Ammunition	125 mm HE for T-72	83+	RU	7,500	\$448.57	\$3,364,286
6	Ammunition	125 mm HEAT for T-72	76+	RU	2,000	\$407.14	\$814,286
7	Ammunition	125 mm APFSDS for T-72	75+	RU	4,100	\$442.86	\$1,815,714
8	Ammunition	73 mm PG-15 V for BVP-1	82+	RU	60 000	\$100.00	\$6,000,000
9	Ammunition	73 mm OG-15 VM for BVP-1	81+	RU	45 000	\$115.71	\$5,206,950
10	Ammunition	PG-7V for RPG-7	64+	RU	9,000	\$134.29	\$1,208,571
11	Ammunition	122 mm HE full for D-30	03+	CZ	13,700	\$307.14	\$4,207,857
12	Ammunition	122 mm HE reduced for D-30	95+	CZ	4,860	\$330.00	\$1,603,800
13	Ammunition	122 mm HEAT for D-30	70+	RU	5,100	\$222.86	\$1,136,571
14	Ammunition	122 mm HE GRAD for BM-21 (or RM-70 czech version)	88+	CZ	8,000	\$467.14	\$3,737,143
14	Ammunition	122 mm HE GRAD for BM-21 (or RM-70 czech version)	69+	RU	0	\$250.00	\$0
15	Ammunition	152 mm HE for D-20, 2S-3, DANA		CZ	15,000	\$400.00	\$6,000,000
16	Ammunition	130 mm HE for M-44		RU	40 000	\$440.00	\$17,600,000
17	Ammunition	82 mm mines HE (for 82 mm infantry mortar)	70+	RU	10 000	\$88.57	\$6,885,700
18	Ammunition	120 mm mines HE (for 120 mm PRAM weapons /self-propelled mortar system/)	75+	RU	45,000	\$100.00	\$4,500,000

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Ghanem_00000241-0009



GATEWAY TO MENA

20	Ammunition	7,62 x 39 mm PS do AK-47, SA-58, etc...	70+	RU	55,000,000	\$0.14	\$7,817,857
21	Ammunition	7,62 x 54 mm LPS for PKT, PKM, UK-59, etc...	76+	RU	95,000,000	\$0.14	\$13,571,429
21	Ammunition	7,62 x 54 mm B-32 for PKT, PKM, UK-59, etc...	76+	RU	13,000,000	\$0.17	\$2,228,571
22	Ammunition	23mm OFZ for ZU-23	76+	RU	1,700,000	\$12.14	\$20,642,857
23	Ammunition	23mm BZT for ZU-23	76+	RU	620,000	\$11.14	\$6,908,571
24	Ammunition	23mm OFZT for GS-23	70+	RU	150,000	\$8.34	\$1,251,429
25	Ammunition	152mm HE long range (up to 22km)	98+	CZE	10,000	\$380.00	\$3,800,000

	Item	Caliber	Quantity (pcs)	Price (USD)	Total Price	Remark
1	Mortar	60	160	2,055.56	\$328,889	new
2	Mortar	82	42	\$4,500	\$189,000	Refurbished
3	Mortar	120	21	\$9,400	\$197,400	Refurbished
4	M80/M84 (PKM type) Ex Yu	7,62x54	12	\$1,700	\$20,400	Refurbished, with bipod, one big box and one small box
4.a	M80/M84 tripods		400	\$650	\$260,000	refurbished
5	M72 (RPK type) Ex Yu	7,62x39	28	\$220	\$6,160	Refurbished, with 4 magazines, extra magazines available at price of 5 USD
6	RPG 7		11	\$800	\$8,800	Irani production, from 86-93 mostly
7	M70 folding stock Ex Yu (AK 47 type)	7,62x39	15	\$170	\$2,550	Refurbished, with 4 magazines, extra magazines available at price of 5 USD
8	M70 wooden stock Ex Yu (AK 47 type)	7,62x39	5	\$170	\$850	Refurbished, with 4 magazines, extra magazines available at price of 5 USD
1	ZPU 2 Twin barrel	14,5	30	\$13,000	\$390,000	Refurbished
2	Ammunition	7,62x39	20000000	\$0,15	\$3,000,000	Steel core, Eastern production
3	Ammunition	12,7x10	1.500.000	\$2	\$ 2,250,00	Russian and Chinese production

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA
VS. GHANEM

PLAINTIFF'S EXHIBIT 702

DATE _____ IDEN. _____

DATE _____ EVID. _____

BY _____
DEPUTY CLERK

AO 386

From: Rami Ghanem <ramithe@gmail.com>
Sent: Tuesday, November 18, 2014 8:13 AM
To: Mohd <aldaboubim@gmail.com>
Subject: FW: Mi24infodetail_conf
Attach: Mi24infodetail_conf.pdf

Indicative offer for sale of Mi-24V helicopters

LOM Praha s.p. presents the indicative offer for sale of 6 Mi-24V. Helicopters are registered in military register under the numbers 0702, 0710, 0788, 0790, 0815, 0835.

Helicopters are recently located at 22nd Czech Air Force Base in Sedlec-Vinice. Helicopters are stored, conserved and periodically maintained according to OEM maintenance rules.

For each helicopter is offered also ground equipment 1:1 for basic maintenance, and weapon systems (moveable front Gatling 4 barrel gun caliber 12,7 mm 9A-624, 4 pcs of UB-32A-24 57 mm rocket pods and 2pcs of anti-tank missiles launchers Šturm RP2-149TK).

HELICOPTER DATA

MI-24V Helicopter

Manufacture no : 730702

Year of manufacture: 31. 10. 1985

In service from od: 31. 10. 1985

No. of Overhaul performed – 1

Last Overhaul performed 1.9.2003

Flight hours since production: 2719 hours, 24 minutes, 6852 landings

Flight hours since last Overhaul 723 hours, 25 minutes

TBO: 7 years, 1000 flight hours

Technical life from manufacturer is 26 years, 3000 flight hours

The residual of technical life: 0 years and 0 months; 280 flight hours, 36 minutes

Helicopter	0702	Last GO	Flight from last GO	Residual till the end of technical life	total flight hours
Engine TV-3-117	2257854803010	-	-	3333:00:00	1167:00:00
Engine TV-3-117	7087851103088	3.GO	225:48:00	1517:10:00	982:50:00
Main rotor head	92024172046	1. GO	944:25:00	355:35:00	1644:25:00
Tail rotor head	MCHA017103	-	-	1888:51:00	111:09:00
Ai-9V	2250924700727	1. GO	55:30:00	449:58:00	150:02:00
GearboxVR-24	L9102085	1 GO	333:16:00	1672:59:00	1327:01:00

Helicopter was maintained according to OEM rules for Mi-24V/35.

MI-24V Helicopter

Manufacture no.: 730710

Year of manufacture: 19. 10. 1985

In service from od: 19. 10. 1985

No. of Overhaul performed - 1

Last Overhaul performed 23. 6. 2005

Flight hours since production: 2237 hours, 19 minutes, 5542 landings

Flight hours since last Overhaul 349 hours, 36 minutes

TBO: 7years, 1000 flight hours

Technical life from manufacturer is 26 years, 3000 flight hours
 The residual of technical life: 0 years and 0 months; 762 flight hours, 41 minutes

Helicopter	0710	Last GO	Flight from last GO	Residual till the end of technical life	total flight hours
Engine TV-3-117	7087852703306	1.GO	349:34:00	1152:47:00	1347:13:00
Engine TV-3-117	7087854703411	1.GO	349:34:00	1151:31:00	1348:29:00
Main rotor head	92024253027	1.GO	423:11:00	77:53:00	1922:07:00
Tail rotor head	MCH-9810029	-	-	1486:44:00	513:16:00
Ai-9V	2250921700202	1.GO	39.19:00	498:31:00	101:29:00
GearboxVR-24	L7103157	1.GO	756:59:00	1740:11:00	1259:49:00

Helicopter was maintained according to OEM rules for Mi-24V/35.

MI-24V Helicopter

Manufacture no.: 730788

Year of manufacture: 30.5.1987

In service from: 30. 5. 1987

No. of Overhaul performed 1

Last Revision performed: 2.4.2004

Flight hours since production: 1614 hours, 26 minutes, 3877 landings

Flight hours since last Overhaul: 730 hours, 1 minute

TBO: 7years, 1000 flight hours

Technical life from manufacturer is 26 years, 3000 flight hours

The residual of technical life: 1 year and 7 months; 1385 flight hours, 34 minutes

Helicopter	0788	Last GO	Flight from last GO	Residual till the end of technical life	total flight hours
Engine TV-3-117	7087852503012	2.GO	734:17:00	726:10:00	1773:50:00
Engine TV-3-117	7087852903004	1.GO	664:24:00	841:55:00	1658:05:00
Main rotor head	92024253183	1.GO	734:17:00	326:07:00	1673:53:00
Tail rotor head	MCHG124103	-	-	1358:27:00	641:33:00
Ai-9V	9050922100014	-	-	21.4.2011	66:12:00
GearboxVR-24	L7307556	1.GO	734:17:00	1266:47:00	1733:13:00

Helicopter was maintained according to OEM rules for Mi-24V/35.

MI-24V Helicopter

Manufacture no.: 730790

Year of manufacture: 10. 6. 1987

In service from: 10. 6. 1987

No. of Overhaul performed- 1

Last Overhaul performed: 13. 6. 2005

Flight hours since production: 2211 hours, 32 minutes, 5265 landings

From last revision: 730 hours, 30 minutes

TBO: 7 years, 1000 flight hours

Technical life from manufacturer is 26 years, 3000 flight hours

The residual of technical life: 1 year and 8 months; 788 flight hours, 28 minutes

Helicopter	0790	Last GO	Flight from last GO	Residual till the end of technical life	total flight hours
Engine TV-3-117	7087851803491	1.GO	572:17:00	1364:25:00	1135:35:00
Engine TV-3-117	7087852103206	2.GO	730:30:00	538:50:00	1961:10:00
Main rotor head	92024152709	1.GO	208:39:00	1295:12:00	704:48:00
Tail rotor head	MCHA014103	-	-	1852:56:00	147:04:00
Ai-9V	2250922100188	1.GO	71:50:00	409:55:00	190:05:00
GearboxVR-24	L0108020	1.GO	891:11:00	382:30:00	988:00:00

Helicopter was maintained according to OEM rules for Mi-24V/35.

MI-24V Helicopter

Manufacture no.: 730815

Year of manufacture: 30. 11. 1987

In service from: 30. 11. 1987

No. of Overhaul performed - 1

Last Overhaul performed: 11. 5. 2004

Flight hours since production: 2346 hours, 52 minutes, 6031 landings

Flight hours since last Overhaul 862 hours, 14 minutes

TBO: 7 years, 1000 flight hours

Technical life from manufacturer is 26 years, 3000 flight hours

The residual of technical life: 2 years and 1 month; 653 flight hours, 8 minutes

Helicopter	0815	Last GO	Flight from last GO	Residual till the end of technical life	total flight hours
Engine TV-3-117	7087851703407	1.GO	865:36:00	634:24:00	1865:36:00
Engine TV-3-117	7087854703406	1.GO	865:36:00	635:29:00	1864:31:00
Main rotor head	92024173126	1.GO	865:36:00	136:54:00	1863:06:00
Tail rotor head	MCHB 048103	-	-	1171:18:00	828:42:00
Ai-9V	2250924700728	2.GO	40:55:00	499:23:00	100:37:00
GearboxVR-24	L20211002	-	-	2100:00:00	900:00:00

Helicopter was maintained according to OEM rules for Mi-24V/35.

MI-24V Helicopter

Manufacture no.: 730835

Year of manufacture: 28. 4. 1988

In service from: 28. 4. 1988

No. of Overhaul performed 1

Last revision performed: 11. 8. 2011

Flight hours since production: 2257 hours, 49 minutes, 5421 landings

Flight hours since last Overhaul 760 hours, 18 minutes,

TBO: 7 years, 1000 flight hours

Technical life from manufacturer is 26 years, 3000 flight hours

The residual of technical life: 2 years and 6 months; 742 flight hours, 11 minutes

Helicopter	0835	Last GO	Flight from last GO	Residual till the end of technical life	total flight hours
Engine TV-3-117	7087851903263	1.GO	220:04:00	1600:55:00	899:05:00
Engine TV-3-117	7087853703203	1.GO	329:23:00	1311:30:00	1188:30:00
Main rotor head	24104S9	-	-	1900:51:00	99:09:00
Tail rotor head	MCH3010353	1.GO	564:56:00	1027:11:00	972:49:00
Ai-9V	9050921100114	-	-	523:09:00	76.51:00
GearboxVR-24	L8101014	1.GO	760:18:00	1240:47:00	1759:13:00

Helicopter was maintained according to OEM rules for Mi-24V/35.

CASE NO. CR 15-0704 (A)-SJO
UNITED STATES OF AMERICA

VS. GHANEM

PLAINTIFF'S EXHIBIT 703

DATE _____ IDEN. _____

DATE _____ EVID. _____

BY _____
DEPUTY CLERK

AO 386

From: Tomer Avnon <tomer@tarideal.com>
Sent: Wednesday, March 25, 2015 11:13 PM
To: Rami Ghanem <ramithe@gmail.com>
Subject: Re: stock
Attach: image001.jpg

OK will send you information later

Sent from my Huawei Mobile

----- Original Message -----

Subject: RE: stock
From: Rami Ghanem
To: Tomer Avnon
CC:

I am very interested in the MI 24 QTY 2 ready to go.... but not the one with Musa.

Thanks

Rami Ghanem

Gateway to MENA. (GYM)

Egypt Office
Complex 133, Building 7, Apartment 32
Al Rehab City, Cairo Egypt
International #: +37282432246
Telephone# 00201127999552
Jordan Office

Tel: 962 6 5685624
Fax: 962 6 5685625
ramithe@gmail.com or rami@caravaname.com
US Telephone: 772 675-4363 Skype Address: caravaname

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Life is short.. So love your life.. Be happy.. And Keep smiling.. and

Before you speak »Listen
Before you write »Think
Before you spend »Earn

Before you pray »Forgive
Before you hurt »Feel
Before you hate »Love
Before you quit »Try
Before you die »Live

That's Life...

From: Tomer Avnon [mailto:tomer@tarideal.com]
Sent: Wednesday, March 25, 2015 3:30 PM
To: 'Rami Ghanem'
Subject: stock



Hi

We have MI24 & MI29 available

Tomer Avnon
President
TAR Ideal Concepts Ltd.
Tel: +972-3-691-4564
Fax: +972-3-695-5477
tomer@tarideal.com
www.tarideal.com
Mobile: +972-544 88 27 88
Skype: tomeravnon

Ghanem_00000241

Ghanem_Sentencing_00000783

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA
VS. GHANEM

PLAINTIFF'S EXHIBIT 704

DATE _____ IDEN.

DATE _____ EVID.

BY _____
DEPUTY CLERK

AO 386

From: Rami Ghanem <ramithe@gmail.com>
Sent: Monday, March 30, 2015 6:59 AM
To: Tomer Avnon <tomter@tarideal.com>
Subject: RE: MI24

Ok what type of arms does it include?

Rami Ghanem

Gateway to MENA. (GTM)

Egypt Office

Complex 133, Building 7, Apartment 32

Al Rehab City, Cairo Egypt

International #: +37282432246

Telephone# 00201127999552

Jordan Office

Tel: 962 6 5685624

Fax: 962 6 5685625

ramithe@gmail.com or rami@caravaname.com

US Telephone: 772 675-4363 Skype Address: [caravaname](#)

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Life is short.. So love your life.. Be happy.. And Keep smiling.. and

Before you speak »Listen
Before you write »Think
Before you spend »Earn
Before you pray »Forgive
Before you hurt »Feel
Before you hate »Love
Before you quit »Try
Before you die »Live

That's Life...

From: Tomer Avnon [mailto:tomer@tarideal.com]
Sent: Monday, March 30, 2015 10:59 AM
To: 'Rami Ghanem'
Subject: MI24



Rami

We have 5 MI24 available

Price 5,155,000 per unit

EUC required

Delivery 4-8 weeks

Waiting for price & condition for the MI29

Tomer Avnon
President
TAR Ideal Concepts Ltd.
Tel: +972-3-691-4564
Fax: +972-3-695-5477
tomer@tarideal.com
www.tarideal.com
Mobile: +972-544 88 27 88
Skype: tomeravnon

Ghanem_00000241

Ghanem_Sentencing_00000786

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA
VS. GHANEM

PLAINTIFF'S EXHIBIT 705

DATE _____ IDEN.

DATE _____ EVID.

BY _____
DEPUTY CLERK

AO 386

From: Gerton Business <gerton.businessllp@gmail.com>
Sent: Thursday, April 2, 2015 10:20 AM
To: Rami Ghanem <ramithe@gmail.com>
Subject: MI-24D
Attach: фото МИ-24Д после КВР (1).JPG; фото МИ-24Д после КВР (2).JPG; фото МИ-24Д после КВР.JPG



00084856

Ghanem_00000241



00084857

Ghanem_00000241



00084858

Ghanem_00000241

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA
VS. GHANEM

PLAINTIFF'S EXHIBIT 706

DATE _____ IDEN. _____

DATE _____ EVID. _____

BY _____
DEPUTY CLERK

AO 386

From: Gerton Business <gerton.businessllp@gmail.com>
Sent: Saturday, April 4, 2015 11:10 AM
To: Rami Ghanem <ramithe@gmail.com>
Subject: MI-24 Bulgary clear price
Attach: Bulgari clear price.pdf



HARTFORD UNIVERSAL GROUP LTD.
SOFIA, Blvd. BULGARIA 45, FL. 2, OFFICE 5
LICENSE á 11.00-291-1/19.07.2013
LICENSE á 11.00-616-3/02.10.2014
ID: 200782845, VAT: BG200782845
Tel: +359 897 036 017, +359 897 975 951
E-mails: office@hartford-unig.com
hartford-unig@mail.ru

Ref.No.00215/03.04.15

Subj.: Offer for Helicopter Mi-24

Dear Sir,

We are pleased to present to your kind attention our commercial proposal as follows:

Technical Specifications:

Basic data	Mi-24V	Mi-24D
Built	1971	1972
Crew.	3	3
Number of passengers (airborne)	8	8
Engine Type	TV3-117V	TV3-117
Engine power, hp	2 x 2225	2 x 2200
Rotor diameter	17.3	17.3
Weight of empty helicopter	8500	8340
Takeoff weight, kg		
normal	11200	11100
maximum	11500	11500
The weight of cargo, kg		
normal	1500	1500
maximum	2400	2400
on the external suspension	2000	2000
Flight speed, km / h		
maximum	320	320
Cruising	264	270
Hovering ceiling without the influence of the earth, m	2000	1300
Service ceiling, m	4600	4500
Practical flight range, km	595	595
Ferry range, km	1000	1125

Armament:

Front Gatling 4 barrel gun caliber 12.7x108mm 9A624	1 pcs.
UB-32 rocked pod	2 pcs.
UB-16 rocked pod	2 pcs.
Universal gun pod UPK-23-250 with GSh-23mm canon	2 sets
Machine Gun 7.62x54mm PK	1 pcs.

Commercial Proposal:

Nº	Description	Condition	Qty./Pcs.	Unit price in USD
1.	Mi-24V	After Major overhaul	1	7 000 000

Terms and Conditions of Supply:

- 1. Terms of Delivery:** FCA/European Airport.
- 2. Time of Delivery:** Up to 1 (one) month after signing the contract and presenting the End-user Certificate.
- 3. Terms of Payment:**
30% on signing of contract.
70% after inspection prior to shipment.

We express hope and confidence in our long-term mutually and beneficial cooperation.

Sincerely yours,

Kiril Marinov

Director

Hartford Universal Group

Page 2 of 7

Annex-1 Data Sheet

Type, Factory number	Date of Manufacture.	Total flight hours	Existing recourse	Residual resource /hours/	Date of last overhaul	Flight hours since last overhaul	Time before next overhaul
Mi-24D /121/ 410450	24.09.19 84	1484	3000	1516	29.04.1 993	618	382
TV3-117V 70878544034 29	14.01.19 85	835	4500	3665	25.12.1 989	260	315
TV3-117V 70878524032 66	20.06.19 84	805	4500	3695	26.12.1 989	398	176
VR-24 L9103238	11.04.19 89	523	3000	2477	-	-	477
AI-9V 38709224002 05	09.07.19 84	sme. 3265 sapu.	3600 sme. 6000 sapu.	sme. 2734 sapu.	24.10.1 990	657 sme. 1291 sapu.	143 sme. 709 sapu.



Annex 2 Photos



Page 4 of 7

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Page 5 of 7

00084817

Ghanem_00000241



Page 6 of 7

00084817

Ghanem_00000241



Page 7 of 7

00084817

Ghanem_00000241

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA
VS. GHANEM

PLAINTIFF'S EXHIBIT 707

DATE _____ IDEN. _____

DATE _____ EVID. _____

BY _____
DEPUTY CLERK
AO 386

From: Gerton Business <gerton.businessllp@gmail.com>
Sent: Saturday, April 4, 2015 11:12 AM
To: Rami Ghanem <ramithe@gmail.com>
Subject: second MI-24
Attach: Resursi 1.docx; МИ-24Д.3 фото.jpg; МИ-24Д.jpg; фото МИ-24Д после КВР.JPG

Clear price - 6 150 000 \$

Техническо състояние

на вертолет Ми-24Д борден номер 00, заводски номер 02.

1. Данни за вертолет Ми-24Д/ заводски номер:

Начало на експлоатация –1982 г.;

Назначен общ технически ресурс 3000 ч., 36 год.

Наработка от началото на експлоатация – 1503 ч. 16 м. и 2528 кацания.

Извършен КВР – 24.07.1996 г. (ВР3)

Междуремонтен ресурс:

- 1000 ч.;
- **Междуремонтен срок на служба – 7 години**

Наработка след КВР – 303 ч. 16 м. и 675 кацания.

Дата на последен полет – 05.03.2000 г.

1. Данни за двигателите:

1.1. ТВ3-117МТ сер 3 зав. № - ляв

Дата на производство – 25.03.1989 г.

Общ технически ресурс – 4500 ч.

Наработка от началото на експлоатация – 1899 ч. 04 м.

Извършен 2-ри КВР –2012 г. (LOMPrahas.p.).

Междуремонтен ресурс – 1500 ч. 10 години.

Консервация до 22.03.2015 г.

1.2. ТВ3-117МТ зав. № - десен

Дата на производство – 13.04.1988 г.

Общ технически ресурс – 4500 ч.

Наработка от началото на експлоатация – 1907 ч. 09 м.

Извършен 2-ри КВР –2012 г. (LOMPrahas.p.).

Междуремонтен ресурс – 1500 ч., 10 години (до 05.03.2017г.).

Консервация до 08.03.2015 г.

1.3. АИ-9В зав. № 38709

Дата на производство – 17.08.1979 г.

Общ технически ресурс – 6000 отбора, 3600 запуска, 600 ч. (в генераторен режим).

Наработка от началото на експлоатация – 2363 запуска, 4534 отбора, 78 ч. 22 м. (в ген. режим), 223 ч. 48 м. (пълно време)

Извършен последен КВР – 2013 г. (ЗАО „Двигатели ВК-МС“).

Междуремонтен ресурс – 600 запуска, 1000 отбора, 100 ч. (в ген. режим), 170 ч. (обща наработка), каледарен срок на служба 6 години.

Консервиран на 31.05.2013 г.

2. Данни за главния редуктор:

BP-14 зав. № Л 7308580

Дата на производство – 17.08.1987 г.

Общ технически ресурс – 3000 ч.

Наработка от началото на експлоатация – 1322 ч. 07 м.

Извършен 1-ви КВР – 2012 г. (LOMPrahas.p.).

Междуремонтен ресурс – 1000 ч., 8 години.

Консервация до 10.09.2015 г.

23.01.2015 г.

TECHNICAL CONDITION

of helicopter MI – 24D board number 00, factory/serial number 02

1. Information about helicopter MI-24D/ factory number:

Operational since 1982;

Designated total technical resource 3000 hrs, 36 years

Total Time Since New (TTSN): 1503 hours, 16 m., 2528 landings.

Overhaul performed on 07/24/1996 (Military Repair Plant)

Time Since Overhaul (TSO):

- 1,000 hrs;

- **Service period between repairs** – 7 years

- Operating time after capital reconditioning – 303 hrs 16 m. and 675 landings

Date of last flight – 03/05/2000

1. Information about the engines

1.1 TV3-117MT Series 3, factory No. – left

Date manufactured: 03/25/1989

Total technical resource: 4,500 hrs

TTSN: 1,899 hrs 04 m.

Second overhaul performed in 2012 (LOMPrahas.p.)

TSO: 1,500 hrs 10 years

Conservation until 03/22/2015

1.2. TV3-117MT factory No. – right

Date manufactured: 04/13/1988

Total technical resource: 4,500 hrs

TTSN: 1,907 hrs 09 m.

Second overhaul performed in 2012 (LOMPrahas.p.)

TSO: 1,500 hrs 10 years (until 03/05/2017)

Conservation until 03/08/2015

Date manufactured: 08/17/1979

Total technical resource: 6,000 maintenance, 3,600 take offs, 600 hrs (generator mode)

TTSN: 2,363 take offs, 4,534 maintenance, 78 hrs 22 m. (in generator mode), 223 hrs 48 m. (total time)

Latest overhaul performed in 2013 (Airport Equipment Plant “Engines VK-MS”)

TSO: 600 take offs, 1,000 maintenance, 100 hrs (in generator mode), 170 hrs (general operation), calendar time of service 6 yeats.

Conservation until 05/31/2013

2. Information about the Main Gearbox (Reducer)

VR-14 factory No. L7308580

Date manufactured: 08/17/1987

Total technical resource: 3,000 hrs

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TTSN: 1,322 hrs 07 m.
First overhaul performed in 2012 (LOMPrahas.p.)
TSO: 1,000 hrs 8 years
Conservation until 09/10/2015

01/23/2015

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CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA
VS. GHANEM

PLAINTIFF'S EXHIBIT 708

DATE _____ IDEN. _____

DATE _____ EVID. _____

BY _____ DEPUTY CLERK

AO 386

From: Rami Ghanem <ramithe@gmail.com>
Sent: Sunday, April 5, 2015 12:06 AM
To: Engkhalifa64@yahoo.com; mohamedissa70@yahoo.co.uk
Cc: Fakroun <fakrun1@gmail.com>; Mohd <aldaboubim@gmail.com>
Subject: second MI-24
Attach: МИ-24Д .3 foto.jpg; МИ-24Д.jpg; foto МИ-24Д после КВР.JPG

الطائرة الثانية

Rami Ghanem

Gateway to MENA. (GTM)

Egypt Office

Complex 133, Building 7, Apartment 32

Al Rehab City, Cairo Egypt

International #: +37282432246

Telephone# 00201127999552

Jordan Office

Tel: 962 6 5685624

Fax: 962 6 5685625

ramithe@gmail.com or rami@caravanname.com

US Telephone: 772 675-4363 Skype Address: caravanname

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Life is short.. So love your life.. Be happy.. And Keep smiling.. and

Before you speak »Listen
Before you write »Think
Before you spend »Earn
Before you pray »Forgive
Before you hurt »Feel
Before you hate »Love
Before you quit »Try
Before you die »Live

That's Life...



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Ghanem_Sentencing_00000812



00084796

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CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA
VS. GHANEM

PLAINTIFF'S EXHIBIT 709

DATE _____ IDEN. _____

DATE _____ EVID. _____

BY _____
DEPUTY CLERK

AO 386

From: Tahsin Ammour tammouri@hotmail.com
Sent: Sunday, May 10, 2015 1:06 AM
To: rami ramithe@gmail.com
Subject: FW: MI-24
Attach: MI-24V NO SER.NUM.docx

Dear Rami

This is the range of 6 helicopters of mi-24v// it is compatible to mi-35.

the asking price is 8,500,000 USD

we need EUC to Belarus , Slovenia & Russia, inspection is permitted after signing the contract

Regards

Tahsin Ammour / President
Golden Wings Inc.

Nº II./II.	Description	Description	Part No.	Part No.	Q-ty of overhauls, date of last	Since New	Since last overhaul
M n-24 V	Engine TV3-117V		21.03.1988	21.03.2008	1921	929	
	Engine TV3-117V		15.12.1987	04.09.2002	1678	688	
	Engine TV3-117V		24.02.1987	03.09.2002	1595	630	
APU AI-9B			16.10.1990	25.06.2004	833/1661/74	632/318/28	
Main Gearbox VR-14			31.08.1990	30.11.2000	1025	929	

Nº II./II.	Description	Description	Part No.	Part No.	Q-ty of overhauls, date of last	Since New	Since last overhaul
M n-24 V	Engine TV3-117V		21.03.1988	31.12.2011	1591	677	
	Engine TV3-117V		11.12.1981	01.07.2004	1905	677	
	Engine TV3-117V		30.04.1985	01.07.2004	1707	677	
APU AI-9B			24.09.1991	18.11.2009	1418/2856/200	105/210/2	
Main Gearbox VR-14			20.12.1989	26.07.2004	1160	303	

Nº II./II.	Description	Description	Part No.	Part No.	Q-ty of overhauls, date of last	Since New	Since last overhaul
1.	M n-24 V		18.11.1985	31.10.2009	2228	382	
	Engine TV3-117V		28.04.1988	15.06.2005	924	381	
	Engine TV3-117V		17.06.1985	12.08.2004	1748	447	
APU AI-9B			29.09.1984	19.12.2004	1726/3226/215	726/364/51	
Main Gearbox VR-14			01.08.1991	31.08.2005	1218	381	

Nº II./II.	Description	Description	Part No.	Part No.	Q-ty of overhauls, date of last	Since New	Since last overhaul
M n-24 V	Engine TV3-117V		21.11.1985	24.11.2005	2204	965	
	Engine TV3-117V		05.11.1988	03.09.2002	1387	393	
	Engine TV3-117V		14.09.1988	03.09.2002	1687	393	
APU AI-9B			30.03.1985	14.12.2000	1550/3116/168	46/19/2	
Main Gearbox VR-14			18.02.1987	11.12.2000	1226	442	

Nº п./п.	Description	Description	Part No.	Part No.	Q-ty of overhauls, date of last	Since New	Since last overhaul
	M n-24 V	Engine TV3-117V		30.11.1987	30.11.2007	5037	385
				16.05.1985	15.06.2005	1039	137
	Engine TV3-117V			15.05.1985	29.09.2006	1150	191
	APU AI-9B			22.02.1982	13.10.2004	3623/5379/345	2834/1354/122
	Main Gearbox VR-14			30.12.1987	31.08.2005	1051	137

Nº п./п.	Description	Description	Part No.	Part No.	Q-ty of overhauls, date of last	Since New	Since last overhaul
	M n-24 V	Engine TV3-117V		30.11.1987	29.11.2007	1247	409
				30.04.1985	11.07.2005	1212	28
	Engine TV3-117V			26.03.1988	04.12.2004	814	180
	APU AI-9B			28.04.1980	2973/6025/228	2476/1202/104	
	Main Gearbox VR-14			26.02.1982	12.04.2000	1706	409

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA
VS. GHANEM

PLAINTIFF'S EXHIBIT 710

DATE _____ IDEN. _____

DATE _____ EVID. _____

BY _____
DEPUTY CLERK
AO 386

From: Rami Ghanem <ramithe@gmail.com>
Sent: Monday, May 11, 2015 6:25 AM
To: Jean-BernardLasnaud <jbl777@gmail.com>
Subject: RE: Follow up and Mi 24

Dear Jean,

Thank you for your e-mail, I am sorry I could not understand your data sheet very well, it's not in English, can we maybe speak on Skype (caravaname) to discuss the Mi24 because we are looking for 2 helicopters ready to go for operation with full arms.

If you have then please send me the full technical offer and prices for the complete helicopter with the fully armed and photos if available.

Thanking you in advance.

Best Regards

Rami Ghanem

Gateway to MENA. (GTM)

Egypt Office

Complex 133, Building 7, Apartment 32

Al Rehab City, Cairo Egypt

International #: +37282432246

Telephone# 00201127999552

Jordan Office

Tel: 962 6 5685624

Fax: 962 6 5685625

ramithe@gmail.com or rami@caravaname.com

US Telephone: 772 675-4363 Skype Address: caravaname

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Life is short.. So love your life.. Be happy.. And Keep smiling.. and

Before you speak »Listen

Before you write »Think
Before you spend »Earn
Before you pray »Forgive
Before you hurt »Feel
Before you hate »Love
Before you quit »Try
Before you die »Live

That's Life...

From: Jean-BernardLasnaud [mailto:jbl777@gmail.com]

Sent: Saturday, May 9, 2015 5:04 PM

To: 'Rami Ghanem'

Subject: Follow up and Mi 24

Subject: RE: Follow up and Mi 24

Subject unsold

МИ-24Д. 5 units. flyable. with resource.

\$3.5M per unit.

See attached doc

Rgds

The Hon. Jean-Bernard Lasnaud

General Equipment Co.

Fax: +33821463077

Email: jbl@generalequipment.info

Chat & Phone PC to PC free:

Skype: jb-lasnaud

MSN: jblexp@hotmail.com

Gmail: jbl777@gmail.com

BBM: 7AA1AFF7

Visit our website: www.generalequipment.info

From: Rami Ghanem [mailto:ramithe@gmail.com]

Sent: Saturday, May 09, 2015 1:33 PM

To: jbl@generalequipment.info

Subject: Follow up and Mi 24

Dear Mr. Lasnaud,

It was very good talking to you and hoping to establish a new business with your company, for now I am looking for 2 Mi 24 helicopters, please quote me your best offer for the one ready for delivery, also I want to see if you can work with us we are doing business in Egypt, Libya, Saudi Arabia, Iraq and some other African countries, we are also looking for An-26 qty 2 aircrafts, we are looking for ammunitions too, please let me know if you are able to work with us on such a business.

Hoping to hear from you soon.

Best regards

Rami Ghanem

Gateway to Egypt. (GTE)

Complex 133, Building 7, Apartment 32

Al Rehab City, Cairo Egypt

Telephone# 00201127999552

International #: +37282432246

Jordan Office

Tel: 962 6 5685624

Fax: 962 6 5685625

ramithe@gmail.com or rami@caravaname.com

US Telephone: 772 675-4363 Skype Address: caravaname

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Before you speak »Listen
Before you write »Think
Before you spend »Earn
Before you pray »Forgive
Before you hurt »Feel
Before you hate »Love
Before you quit »Try
Before you die »Live

That's Life...

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA
VS. GHANEM

PLAINTIFF'S EXHIBIT 711

DATE _____ IDEN.

DATE _____ EVID.

BY _____
DEPUTY CLERK

AO 386

From: Rami Ghanem <ramithe@gmail.com> #:6244
Sent: Wednesday, May 13, 2015 8:54 AM
To: Engkhalifa64@yahoo.com
Subject: two Mi 24
Attach: image (1).jpg; image (2).jpg; image (3).jpg; image.jpg; ن ن ن ن.đđđ ن

نیتری اط ضرع

Mi 24

عیب اس ا 4 ل ال خ لی صوت ل او لم عل ل نی زه اج طقف (غبص) ن اه د ل ا ج ات ح ت ت ار ئ اط ل ا
غ ل ب م ل ا ع ف دو دق ع ل ا عی ق و ت خی رات ن م

ه ت ار ص م ی ل ا ل ص او ن م ث ل ا
ه ر ئ ا ط ل ک ل \$ 7,850,000

ه حل س ال ا ه ف ا ک ب ه ز ه ج م

Rami Ghanem

Gateway to MENA. (GYM)

Egypt Office

Complex 133, Building 7, Apartment 32

Al Rehab City, Cairo Egypt

International #: +37282432246

Telephone# 00201127999552

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Tel: 962 6 5685624

Fax: 962 6 5685625

ramithe@gmail.com or rami@caravaname.com

US Telephone: 772 675-4363 Skype Address: [caravaname](https://www.skype.com)

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Life is short.. So love your life.. Be happy.. And Keep smiling.. and

|Before you speak »Listen
Before you write »Think
Before you spend »Earn
Before you pray »Forgive

#6245
Before you hurt »Feel
Before you hate »Love
Before you quit »Try
Before you die »Live
That's Life...



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РЕСУРСНОЕ СОСТОЯНИЕ ВЕРТОЛЕТОВ МИ-24В (УЛАН-БАТОР).

Предложение, вариант	I	II
1	2	3
Вертолет	Ми-24В	Ми-24В
Бортовой номер	01	02
Зав. номер	527743	527744
Дата изготовления	31.05.86 г.	31.05.86 г.
Дата начала эксплуатации	24.04.86 г.	28.04.86 г.
Дата заверш. полета (запуска)	11.12.00 г.	05.10.00 г.
Наработка СНЭ	421 ч 34 мин	191 ч 10 мин
Посадок СНЭ	~ 1200 посадок	~ 500 посадок
Общий ресурс	4000 ч 00 мин	4000 ч 00 мин
Остаток ресурса	3578 ч 26 мин	3808 ч 50 мин
ПКР	-	-
Назначенный межремонтный	1000 ч 00 мин	1000 ч 00 мин
Двигатель левый	ТВ3-117В	ТВ3-117В
Зав. номер	7087854503523	7087851603025
Дата изготовления	28.12.85 г.	21.01.86 г.
Дата начала эксплуатации	24.04.86 г.	28.04.86 г.
Наработка СНЭ	421 ч 34 мин	191 ч 10 мин
Общий ресурс	4500 ч	4500 ч
Остаток ресурса	4078 ч 26 мин	4308 ч 50 мин
ПКР	-	-
Двигатель правый	ТВ3-117В (без формуляра)	ТВ3-117В
Зав. номер	7087854503514	7087854503304
Дата изготовления	28.12.85 г. (ориентир.)	28.11.85 г.
Дата начала эксплуатации	24.04.86 г.	28.04.86 г.
Наработка СНЭ	421 ч 34 мин	191 ч 10 мин
Общий ресурс	4500 ч	4500 ч
Остаток ресурса	4078 ч 26 мин	4308 ч 50 мин
ПКР	-	-
Главный редуктор ВР-24	ВР-24	ВР-24
Зав. номер	Л 6102121	Л 6103160
Дата изготовления	24.02.86 г.	28.02.87 г.
Наработка СНЭ	421 ч 34 мин	191 ч 10 мин
Общий ресурс	3000 ч	3000 ч
Остаток ресурса	2578 ч 26 мин	2808 ч 50 мин
ПКР	-	-
ВСУ	АИ-9В	АИ-9В
Зав. номер	2250921600017	2250921500502
Дата изготовления	20.01.86 г.	10.03.86 г.
Наработка СНЭ полная	421 ч 34 мин	30 ч 56 мин
Наработка СНЭ в генераторном режиме	28 ч 48 мин	16 ч 02 мин
Общий ресурс в генераторном режиме	600 ч	600 ч
Число запусков СНЭ	530 запусков	317 запусков
Общий ресурс на число запусков	3600 запусков	3600 запусков
Число отборов СНЭ	1040 отборов	621 отбор
Общий ресурс на число отборов	3600 запусков	3600 запусков
ПКР	-	-

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Ghanem_00000241

Втулка НВ	24-1930-00	24-1930-00
Зав. номер	92024454346	92024161854
Дата изготовления	24.12.85 г.	23.01.86 г.
Наработка СНЭ	421 ч 34 мин	191 ч 10 мин
Общий ресурс	2000 ч 00 мин	2000 ч 00 мин
Остаток ресурса	1578 ч 26 мин	1808 ч 50 мин
ПКР	-	-
Автомат перекоса	24-1940-00	24-1940-00
Зав. номер	Л 6103005	Л 6103002
Дата изготовления	23.03.86 г.	23.03.86 г.
Наработка СНЭ	421 ч 34 мин	191 ч 10 мин
Общий ресурс	1750 ч 00 мин	1750 ч 00 мин
Остаток ресурса	1328 ч 26 мин	1558 ч 50 мин
ПКР	-	-
Рулевой винт	246-3904-00 сер. 01	246-3904-00 сер. 01
Зав. номер	8010159	MX-5010361
Дата изготовления	08.07.88 г.	23.12.85 г.
Наработка СНЭ	нет двнных	191 ч 10 мин
Общий ресурс	2000 ч 00 мин	2000 ч 00 мин
Остаток ресурса	нет двнных	1808 ч 50 мин
ПКР	нет двнных	-
Промежуточный редуктор	8А-1515-00 (нет паспорта)	246-1515-00
Зав. номер	Л 6101271	Л 6101262
Дата изготовления	1986 г. (ориентир.)	06.02.86 г.
Наработка СНЭ	421 ч 34 мин	191 ч 10 мин
Общий ресурс	3000 ч 00 мин	3000 ч 00 мин
Остаток ресурса	2578 ч 26 мин	2808 ч 50 мин
ПКР	-	-
Хвостовой редуктор	246-1517-00	246-1517-00
Зав. номер	Л 6102178	Л 6102109
Дата изготовления	10.03.86 г.	10.03.86 г.
Наработка СНЭ	421 ч 34 мин	191 ч 10 мин
Общий ресурс	3000 ч 00 мин	3000 ч 00 мин
Остаток ресурса	2578 ч 26 мин	2808 ч 50 мин
ПКР	-	-
Коробка приводов	24-1512-00	24-1512-00
Зав. номер	Л 6103001	Л 6102073
Дата изготовления	10.03.86 г.	10.03.86 г.
Наработка СНЭ	421 ч 34 мин	191 ч 10 мин
Общий ресурс	3000 ч 00 мин	3000 ч 00 мин
Остаток ресурса	2578 ч 26 мин	2808 ч 50 мин
ПКР	-	-
Хвостовой вал	24-1526-00	24-1526-00
Зав. номер	Л 6102016	Л 6101088
Дата изготовления	24.02.86 г.	31.01.86 г.
Наработка СНЭ	421 ч 34 мин	191 ч 10 мин
Общий ресурс	3000 ч 00 мин	3000 ч 00 мин
Остаток ресурса	2578 ч 26 мин	2808 ч 50 мин
ПКР	-	-
Карданный вал	8А-6314-00	8А-6314-00

Зав. номер	510731р	510734р
Дата изготовления	21.10.85 г.	21.10.85 г.
Наработка СНЭ	421 ч 34 мин	191 ч 10 мин
Общий ресурс	4000 ч 00 мин	4000 ч 00 мин
Остаток ресурса	3578 ч 26 мин	3808 ч 50 мин
ПКР	-	-
Вентилятор охлаждения	8А-6311-00	8А-6311-00
Зав. номер	ОВ 41504031	ОВ 11604023
Дата изготовления	31.10.85 г.	04.02.86 г.
Наработка СНЭ	421 ч 34 мин	191 ч 10 мин
Общий ресурс и срок службы	3000 ч / 30 лет	3000 ч / 30 лет
Остаток ресурса	2578 ч 26 мин	2808 ч 50 мин
ПКР	-	-
Комбинированный агрегат управления	КАУ-115	КАУ-115
Зав. номер	821036340059	821036340092
Дата изготовления	29.03.86 г.	29.03.86 г.
Наработка СНЭ	421 ч 34 мин	191 ч 10 мин
Общий ресурс и срок службы	4000 ч / 30 лет	4000 ч / 30 лет
Остаток ресурса	3578 26 мин	3808 ч 50 мин
ПКР	-	-
Комбинированный агрегат управления	КАУ-115	КАУ-115
Зав. номер	821036340103	821036340092
Дата изготовления	30.03.86 г.	29.03.86 г.
Наработка СНЭ	421 ч 34 мин	191 ч 10 мин
Общий ресурс и срок службы	4000 ч / 30 лет	4000 ч / 30 лет
Остаток ресурса	3578 26 мин	3808 ч 50 мин
ПКР	-	-
Комбинированный агрегат управления	КАУ-115	КАУ-115
Зав. номер	821036340030	821036340025
Дата изготовления	29.03.86 г.	22.03.86 г.
Наработка СНЭ	421 ч 34 мин	191 ч 10 мин
Общий ресурс и срок службы	4000 ч / 30 лет	4000 ч / 30 лет
Остаток ресурса	3578 26 мин	3808 ч 50 мин
ПКР	-	-
Комбинированный агрегат управления	КАУ-115	КАУ-115
Зав. номер	821036340097	821036340089
Дата изготовления	29.03.86 г.	29.03.86 г.
Наработка СНЭ	421 ч 34 мин	191 ч 10 мин
Общий ресурс	4000 ч / 30 лет	4000 ч / 30 лет
Остаток ресурса	3578 26 мин	3808 ч 50 мин
ПКР	-	-
Лопасти несущего винта	24-2700-00	24-2700-00
Зав. номер	B 7125268604	B 7125618604
	B 7125278604	B 7125628604
	B 7125288604	B 7125638604
	B 7125298604	B 7125648604
	B 7125308604	B 7125658604
Дата изготовления	01.04.86 г.	09.04.86 г.
Наработка СНЭ	421 ч 34 мин	191 ч 10 мин
Общий ресурс	1000 ч / 10 лет	1000 ч / 10 лет

Остаток ресурса	578 ч 26 мин	808 ч 50 мин
ПКР	-	-

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Ghanem_00000241

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA
VS. GHANEM

PLAINTIFF'S EXHIBIT 712

DATE _____ IDEN.

DATE _____ EVID.

BY _____
DEPUTY CLERK

AO 386

From: Rami Ghanem <ramithe@gmail.com>
Sent: Thursday, May 14, 2015 6:41 AM
To: KKG <targama@onet.pl>
Subject: RE: stock info

Karina, please see below my comments

From: KKG [mailto:targama@onet.pl]
Sent: Monday, May 11, 2015 10:08 PM
To: ramithe@gmail.com
Subject: stock info

Dear Rami,

Please find below the goods from the stock available. Once there is serious interest official offer will be presented.

tanks T-72M1 – 22szt. after main overhaul. **Prices indication and I will offer it to my customers**

Mi-24W helicopters – 4 units. very good technical condition **are they ready for delivery? What is the configuration on each Helicopter , what arms dose it carry, how long is the delivery time? Can you send me photo and technical specifications?**

engines to Mi 17 and 24 – 5 pcs **prices please and are ready for use (completely overhauled)**

best regards

karina

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Ghanem-00072443

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA
VS. GHANEM

PLAINTIFF'S EXHIBIT 713

DATE _____ IDEN.

DATE _____ EVID.

BY _____
DEPUTY CLERK

AO 386

From: Rami Ghanem <ramithe@gmail.com>
Sent: Sunday, December 28, 2014 1:23 PM
To: Mohd <aldaboubim@gmail.com>
Subject: MiG 29
Attach: MiG 29 data.pdf; MiG Photo.pdf

№ п/п	Планер Модификация	Дата изгото- вления	Назначенный ресурс	Наработка СНЭ	Наработка кол-во Посадок, запусков	Кол-во посадок СНЭ	Кол-во ремонтов	Дата крайнего ремонта	Межремонтный ресурс		Налёт ППР	Кол-во посадок ППР	Дата крайнего вылета	Приме- чания
									лет	лет				
1.	9.13 2960721939	31.10.88	20	2500 час.	268.06 час.	465	-	-	9	800 час.	-	-	04.02.98	
2.	1-ый двигатель Тип 88п.2С сер.2 870883872047	12.08.88	-	800 час.	304.34 час/ 707 запус.	-	-	-	8	400час./ 1200 зап.	-	-	26.11.02 запуск	
3.	2-ой двигатель Тип 88п.2С сер.2 870884872070	22.11.88	-	800 час.	272.42 час/ 613 зап.	-	-	-	8	500час./ 1500 зап.	-	-	26.11.02 запуск	
4.	Тип КСА-3 4200625808190	01.09.88	14	1000 час./ 3760 зап.	303.50 час/ 787 зап.	-	-	-	7	500 час./ 1880 зап.	-	-	26.11.02 запуск	
5.	Тип ГДЭ 117 4203253808407	16.08.88	14	3500 зап.	1343 зап.	-	-	-	7	До 1-го рем. 2910 зап. Межрем. 590 зап.	-	-	26.11.02 запуск	

№ п/п	Планер Модификация	Дата изгото- вления	Назначенный ресурс	Наработка СНЭ	Наработка кол-во Посадок, запусков	Кол-во посадок СНЭ	Кол-во ремонто- в	Дата крайнего ремонта	Межремонтный ресурс		Налёт ППР	Кол-во посадок ППР	Дата крайнего вылета	Приме- чания
									лет	наработка кол-во Посадок				
1.	9.13 2960721937	31.10.88 20	2500 час.	326.26 час.	603	-	-	9	800	-	-	21.01.98		
2.	1-ый двигатель Тип 88п.2С сер.2 870882761140	02.07.87 -	600 час.	321.44 час/ 817 запус.	-	1	13.09.91	6	300час./ 900 зап.	24.39 час. / 94 зап	-	24.10.02 запуск		
3.	2-ой двигатель Тип 88п.2С сер.2 870882561056	05.85 -	-	266.21 час.	-	1	21.06.91	-	-	25.30 час./ 92 зап	-	24.10.02 запуск	Дубликация формуляра	
4.	Тип КСА-3 4200625708908	02.09.87 -	700 час./ 2632 зап.	342.44 час/ 1150 зап.	-	-	-	6	До 1-го рем. 500 час./ 1880 зап. Межрем. 200 час.	-	-	24.10.02 запуск		
5.	Тип ГДЭ 117 4203253708419	27.08.87 14	3500 зап.	1519 зап.	-	-	-	7	До 1-го рем. 2910 зап. Межрем. 590 зап.	-	-	24.10.02 запуск		

№ п/п	Планер Модификация	Дата изготов- ления	Назначенный ресурс	Наработка СНЭ	Наработка кол-во Посадок, запусков	Кол-во посадок СНЭ	Кол-во ремонтов	Дата крайнего ремонта	Межремонтный ресурс		Налёт ППР	Кол-во посадок ППР	Дата крайнего вылета	Приме- чания
									лет	лет				
1.	9.13 2960721514	31.10.88	20	2500 час.	288.30 час.	533	-	-	9	800	-	-	21.01.98	
2.	1-ый двигатель Тип 88п.2С сер.2 870883772269	30.09.87	-	1000 час.	281.29 час/	-	1	31.03.91	6	До 1-го рем 400 час./ 1200 зап. Межрем. 350 час./ 1050 зап.	26.25 час. / 1200 зап.	-	19.11.02 запуск	
3.	2-ой двигатель Тип 88п.2С сер.1 870882761062	29.05.87	-	600 час.	326.35час/	-	2	10.09.91	-	300 час./ 900 зап.	26.35 час./ 114 зап.	-	19.11.02 запуск	
4.	Тип КСА-3 4200625807171	01.08.88	14	1000 час./ 3760 зап.	315.44 час/	-	-	-	7	До 1-го рем 500 час./ 1880 зап. Межрем. 500 час.	-	-	19.11.02 запуск	
5.	Тип ГДЭ 117 4203253807352	25.07.88	14	3500 зап.	1418 зап.	-	-	-	7	До 1-го рем. 2910 зап. Межрем. 590 зап.	-	-	19.11.02 запуск	

№ п/п	Планер Модификация	Дата изгото- вления	Назначенный ресурс	Наработка СНЭ	Наработка кол-во Посадок, запусков	Кол-во посадок СНЭ	Кол-во ремонтов	Дата крайнего ремонта	Межремонтный ресурс		Налёт ППР	Кол-во посадок ППР	Дата крайнего вылета	Приме- чания
									лет	Наработка кол-во Посадок				
1.	9.13 2960721938	31.10.88	20	2500 час.	333.06 час.	605	-	-	9	800	-	-	14.01.98	
2.	1-ый двигатель Тип 88п.2С сер.2 8708834872242	30.12.88	8	800 час.	280.54 час/ 635 запус.	-	-	-	8	До 1-го рем 500час./ 1500 зап. Межрем. 500 час./ 1500 зап.	-	-	27.11.02 запуск	
3.	2-ой двигатель Тип 88п.2С сер.1 870881972065	16.02.89	8	800 час.	171.24час/ 439зап.	-	1	23.02.90	-	До 1-го рем 500час./ 1500 зап. Межрем. 500 час./ 1500 зап..	142.32 час.	-	27.11.02 запуск	
4.	Тип КСА-3 4200625711981	30.11.87	12	700 час./ 2632 зап.	364.25 час/ 1098 зап.	-	-	-	6	До 1-го рем 500 час./ 1880 зап. Межрем. 200 час.	-	-	27.11.02 запуск	
5.	Тип ГДЭ 117 4203253508230	02.09.85	-	3200 зап.	1496 зап.	-	-	-	7	До 1-го рем. 1600 зап. Межрем. 1600 зап.	-	-	27.11.02 запуск	

№ п/п	Планер Модификация	Дата изготов- ления	Назначенный ресурс	Наработка СНЭ	Наработка кол-во Посадок, запусков	Кол-во посадок СНЭ	Кол-во ремонтов	Дата крайнего ремонта	Межремонтный ресурс		Налёт ППР	Кол-во посадок ППР	Дата крайнего вылета	Приме- чания
									лет	лет				
1.	9.13 2960771943	31.10.88	20	2500 час.	385.00 час.	594	-	-	9	800	-	-	02.02.98	
2.	1-ый двигатель Тип 88п.2С сер.2 870883461109	29.09.84	-	-	407.00 час./ 903 зап.	-	2	11.06.91	6	До 1-го рем 125час./ 375 зап.	38.00 час. / 131 зап.	-	05.11.02 запуск	
3.	2-ой двигатель Тип 88п.2С сер.1 870884461136	28.12.84	-	-	242 час/ 694зап.	-	2	22.02.91	6	До 1-го рем 100час./ 300 зап.	12.00 час./ 64 зап.	-	05.11.02 запуск	
4.	Тип КСА-3 420062560456	14.05.86	-	1000 час./ 4160 зап.	331 час/ 1136 зап.	-	-	-	6	Межрем. 500 час.	-	-	05.11.02 запуск	
5.	Тип ГДЭ 117 4203252604120	21.04.86	-	100 час./ 3500 зап.	1679 зап.	-	-	-	7	Межрем. 50 час./ 1750 зап.	-	-	05.11.02 запуск	

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№ п/п	Планер Модификация	Дата изготов- ления	Назначенный ресурс	Наработка СНЭ	Наработка кол-во Посадок, запусков	Кол-во посадок СНЭ	Кол-во ремонтов	Дата крайнего ремонта	Межремонтный ресурс		Налёт ППР	Кол-во посадок ППР	Дата крайнего вылета	Приме- чания
									лет	наработка кол-во Посадок				
1.	9.13 2960721933	31.10.88	20	2500 час.	372.35 час.	696	-	-	9	800	-	-	14.01.98	
2.	1-ый двигатель Тип 88п.2С сер.2 870884772302	12.01.88	-	600 час.	431.46 час/ 894 запус.	-	1	05.06.91	8	Межрем. 350 час./ 1050 зап.	79.16 час./ 231 зап.	-	14.11.02 запуск	
3.	2-ой двигатель Тип 88п.2С сер.1 8708835561051	29.08.85	-	400 час.	358.41 час/ 406зап.	-	3	30.05.91	-	Межрем. 200 час./ 600 зап..	38.41 час./ 99 зап.	-	14.11.02 запуск	
4.	Тип КСА-3 4200625807187	19.08.88	14	1000 час./	413.19 час/ 1054 зап.	-	-	-	7	Межрем. 500 час.	-	-	14.11.02 запуск	
5.	Тип ГДЭ 117 4203253807385	31.07.88	14	3500 зап.	1792 зап.	-	-	-	7	Межрем. 590 зап.	-	-	14.11.02 запуск	

TECHNICAL CERTIFICATE
AIRCRAFT МиГ-29 (Type 9.13) from September 2009

1. Information about the aircraft:

1	Type of aircraft	МиГ-29
2	Factory №	2960721514
3	Registration №	07
4	Date of manufacture	31.10.1988
5	Technical resource (hours/years)	2500 hours
6	Total Time Since New	288-30
7	Undergone no overhaul	-
9	Last technical service (24 ¹² /1 months)	December 2007

2. Information about the engine, APU and the gearbox:

1	Type of engine	RD-33 2S series 1	GTDE - 117	KSA -3
2	Factory №	1. 870883772269 2. 870882761092	4203253807354	4200625807171
3	Total Time Since New	1. 281-29 2. 326-35	1424 startings 1190 consecutive startings of the engine	315-44 829 startings
4	Total Time from the last overhaul	1. 26-25 2. 26-35	-	-

TECHNICAL CERTIFICATE
AIRCRAFT MiG-29 (Type 9.13) from September 2009

1. Information about the aircraft:

1	Type of aircraft	MiG-29
2	Factory No	2960721938
3	Registration No	44
4	Date of manufacture	31.10.1988
5	Technical resource (hours)	2500 hours
6	Total Time Since New	333-06
8	Undergone no overhaul	-
9	Last technical service (24 ^{1/2} /1 months)	December 2007

2. Information about the engine, APU and the gearbox:

1	Type of engine	RD-33 2S series 1	GTDE - 117	KSA -3
2	Factory No	1. 870884872242 2. 870881972065	4203253508230	4200625711981
3	Total Time Since New	1. 280-54 2. 171-24	1496 startings 787 consecutive startings of the engine	365hs
4	Total Time from the last overhaul	1. - 2. 142 -32	1420 startings 791 consecutive startings of the engine	-

TECHNICAL CERTIFICATE
AIRCRAFT MiG-29 (Type 9.13) from September 2009

1. Information about the aircraft:

1	Type of aircraft	MiG-29
2	Factory No	29607221943
3	Registration No	47
4	Date of manufacture	31.10.1988
5	Technical resource (hours/years)	2500 hours
6	Total Time Since New	325-08
7	Undergone no overhaul	-
9	Last technical service (24 ⁺² / ₋₁ months)	December 2007

2. Information about the engine, APU and the gearbox:

		RD-33 2S series 1	GTDE - 117	KSA-3
1	Type of engine			
2	Factory No	1. 870883461109 2. 870884461136	4203252604120	4200625604566
3	Total Time Since New	1. 407-02 2. 242-32	1679 startings 1088 consecutive startings of the engine	331-30hs 1136 startings
4	Total Time from the last overhaul	1. 38-30 2. 12-24	-	-

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TECHNICAL CERTIFICATE
AIRCRAFT MiG-29 (Type 9.13) from September 2009

1. Information about the aircraft:

1	Type of aircraft	MiG-29
2	Factory No	2960721939
3	Registration No	45
4	Date of manufacture	31.10.1988
5	Technical resource (hours/years)	2500 hours
6	Total Time Since New	268-06
8	Undergone no overhaul	-
9	Last technical service (24 ¹² /,1 months)	December 2007

2. Information about the engine, APU and the gearbox:

1	Type of engine	RD-33 2C series 1	GTDE -117	RCA -3
2	Factory No	1. 870883872047 2. 870884872070	4203253808407	4200625808190
3	Total Time Since New	1. 304-54 2. 272-42	1343 startings 1104 consecutive startings of the engine	303-50hs / 787 startings
4	Total Time from the last overhaul	1. - 2. -	-	-

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TECHNICAL CERTIFICATE
AIRCRAFT MiG-29 (Type 9.13) from September 2009

1. Information about the aircraft:

1	Type of aircraft	MiG-29
2	Factory No	2960721937
3	Registration No	43
4	Date of manufacture	31.10.1988
5	Technical resource (hours/years)	2500 hours
6	Total Time Since New	326-26
8	Undergone no overhaul	-
9	Last technical service (24 ^{±2} / ₁ months)	December 2007

2. Information about the engine, APU and the gearbox:

1	Type of engine	RD-33 2S series 1	GTDE -117	RSA -3
2	Factory No	1. 870882761140 2. 870882561056	4203253708419	4200625708908
3	Total Time Since New	1. 321 2. 266-21	1519 startings 754 consecutive startings of the engine	342-44hs / 1150 startings
4	Time from the last overhaul	1. 24-39 2. 25-30	-	-

**TECHNICAL CERTIFICATE
AIRCRAFT MiG-29 (Type 9.13) from September 2009**

1. Information about the aircraft:

1	Type of aircraft	MiG-29
2	Factory No	2960721933
3	Registration No	42
4	Date of manufacture	31.10.1988
5	Technical resource (hours/years)	2500 hours
6	Total Time Since New	372-35
7	Undergone no overhaul	-
9	Last technical service (24 ^{1/2} months)	December 2007

2. Information about the engine, APU and the gearbox:

1	Type of engine	RD-33 2S series 1	GTDE - 117	KSA - 3
2	Factory No	1. 870884772302 2. 870883561051	4203253807385	4200625807187
3	Total Time Since New	1. 431-46 2. -	1792 startings 1521 consecutive startings of the engine	413-19 1054 startings
4	Total Time from the last overhaul	1. 79-16 2. -	-	-

#	AMOD	DMAN	SLL	TSN	LSN	OH	LOH	TBO	TSLR	LSLR	DLF	Comments
			Y H/Lan /St					Y H/Lan/St	H			
1	9.13 2960721939	10/31/88	20 2,500 h	268.06 h	465	-	9	800 h	-	-	02/04/98	
2	1 st engine type 88p.25 Series 2 870883872047	08/12/88	- 800 h	304.34 h/ 707 st.	-	-	8	400 h/ 1,200 st.	-	-	11/26/02	start
3	2 nd engine type 88 p.25 Series 2 870884872070	11/22/88	- 800 h	272.42 h/613 st.	-	-	8	500 h/ 1,500 st.	-	-	11/26/02	start
4	Type KSA-3 4200625808190	09/01/88	14 1,000 h/ 3,760 st.	303.50 h/787 st.	-	-	7	500 h/ 1,880 st.	-	-	11/26/02	start
5	Type GTDE* 117 4203253808407	08/16/88	14 3,500 st.	1,343 st.	-	-	7	2,910 st. BFO 590 st. BO	-	-	11/26/02	start

*Gas Turbine Engine-Power Generation Unit

#	AMOD	DMAN	SLL Y	TSN H/Lan/ St	LSN	OH	LOH	TBO Y	H/Lan/St	TSLR H	LSLR	DLF	Comments
1	9.13 2960721937	10/31/88	20	2,500 h	326.26 h	603	-	9	800	-	-	01/21/98	
2	1 st engine type 88p.2S Series 2 870882751140	07/02/87	-	600 h	321.44h/ 817 st	1	09/13/91	6	300 h/ 900 st	24.39 h/ 94 st.	-	10/24/02 Start	
3	2 nd engine type 88 p.2S Series 2 870882551056	05/85	-	-	266.21 h	-	1	06/21/91	-	25.30 h/ 92 st.	-	10/24/02 Start	Form duplicate
4	Type KSA-3 4200625708908	09/02/87	-	700 h/ 2,632 st.	342.44h/ 1,150 st.	-	-	6	500 h/1,880 st BFO 200 h BO	-	-	10/24/02 Start	
5	Type GTDE* 117 4203253708419	08/27/87	14	3,500 st.	1,519 st	-	-	7	2,910 st. BFO 590 st BO	-	-	10/24/02 Start	

#	AMOD	DMAN	SLL		TSN	LSN	OH	LOH	TBO		H	H/Lan/St	TSLR	LSLR	DLF	Comments
			Y	H/Lan /St					Y	H						
1	9.13	10/31/88	20	2,500h	288.30h	533	-	-	9	800	-	-	-	-	01/21/98	
2	1 st engine type 88p.2S Series 2 870883772269	09/30/87	-	1,000h	281.29h	-	1	03/31/91	6	400h/1,200s t BFO 350h/1,050 st BO	26.25 h	-	-	11/19/02 start		
3	2 nd engine type 88 p.2S Series 1 870882761062	05/29/87	-	600 h	326.35h/ 750 st	-	2	09/10/91	-	300h/900st	26.35 h/ 114 st.	-	-	11/19/02 Start		
4	Type KSA-3 4200625807171	08/01/88	14	1,000h/ 3,760 st	315.44h/ 829 st	-	-	-	7	500h/1,880 st BFO 500h BO	-	-	-	11/19/02 Start		
5	Type GTDE* 117 4203255807352	07/25/88	14	3,500 st	1,418 st	-	-	-	7	2,910st BFO 590 st. BO	-	-	-	11/19/02 start		

#	AMOD	DMAN	SLL Y	H/Lan /St	TSN	LSN	OH	LOH	TBO Y	H/Lan/St	TSLR H	LSLR	DLF	Comments
1	9.13 2960721938	10/31/88	20	2,500h	333.06h	605	-	-	9	800	-	-	01/14/98	
2	1 st engine type 88p.2S Series 2 8708834872242	12/30/88	8	800h	280.54h/ 635 st.	-	-	-	8	500h/1,500st BFO 500h/1,500st BO	-	-	11/27/02 start	
3	2 nd engine type 88 p.2S Series 1 870881972065	02/16/89	8	800h	171.24h/ 439 st.	-	1	02/23/90	-	500h/1,500st BFO 500h/1,500st BO	142.32 h	-	11/27/02 start	
4	Type KSA-3 4200625711981	11/30/87	12	700h/ 2,632 st	364.25h/ 1,098 st.	-	-	-	6	500h/1,880st BFO 200h BO	-	-	11/27/02 start	
5	Type GTDE* 117 4203253508230	09/02/85	-	3,200 st	1,496 st	-	-	-	7	1,600st BFO 1,600st BO	-	-	11/27/02 start	

#	AMOD	DMAN	SLL Y	H/Lan /St	TSN	LSN	OH	LOH	TBO Y	H/Lan/St	TSLR H	LSLR	DLF	Comments
1	9.13 2960721943	10/31/88	20	2,500h	385 h	594	-	-	9	800	-	-	02/02/98	
2	1 st engine type 88p.25 Series 2 870883461109	09/29/84	-	-	407h/ 903 st	-	2	06/11/91	6	125h/375st BFO	38h/ 131st	-	11/05/02 start	
3	2 nd engine type 88 p.25 Series 1 870884461136	12/28/84	-	-	242h/ 694 st	-	2	02/22/91	6	100h/300st BFO	12h/ 64st	-	11/05/02 Start	
4	Type KSA-3 4200625604566	05/14/86	-	1,000h/ 4,160st	331h/ 1,136 st	-	-	-	6	500h BO	-	-	11/05/02 Start	
5	Type GTDE* 117 4203252604120	04/21/86	-	100h/ 3,500st.	1,679 st	-	-	-	7	50h/ 1,750st BO	-	-	11/05/02 start	

#	AMOD	DMAN	SLL	TSN	LSN	OH	LOH	TBO	Y	H/Lan/St	TSLR	LSLR	DLF	Comments
			Y	H/Lan /St					Y		H			
1	9.13 2960721933	10/31/88	20	2,500 h	372.35h	696	-	-	9	800	-	-	01/14/98	
2	1 st engine type 88p.25 Series 2 870884772302	01/12/88	-	600 h	431.46h/ 894 st	-	1	06/05/91	8	350h/ 1,050st BO	79.16h/231st	-	11/14/02 start	
3	2 nd engine type 88 p.25 Series 1 8708835561051	08/29/85	-	400 h	358.41 h/ 406st	-	3	05/30/91	-	200h/ 600st BO	38.41h/99st	-	11/14/02 Start	
4	Type KSA-3 4200625807187	08/19/88	14	1,000 h	413.19h/ 1,054st	-	-	-	7	500h BO	-	-	11/14/02 Start	
5	Type GTDE* 117 4203253807385	07/31/88	14	3,500st	1,792st	-	-	-	7	590st BO	-	-	11/14/02 start	

List of Acronyms Used:

AMOD	Aircraft Modification
DMAN	Date Manufactured
SLL	Service Life Limit
Y	years
H/h	hours
LAN/lan	landings
St/st	starts
TSN	Time Since New
LSN	Landings Since New
OH	Overhauls
LOH	Last Overhaul
TBO	Time between Overhauls
TSLR	Time since Last Repair
LSLR	Landings since Last Repair
DLF	Date of Last Flight
BFO	Before the First Overhaul
BO	Between Overhauls

The rest of the file is in English



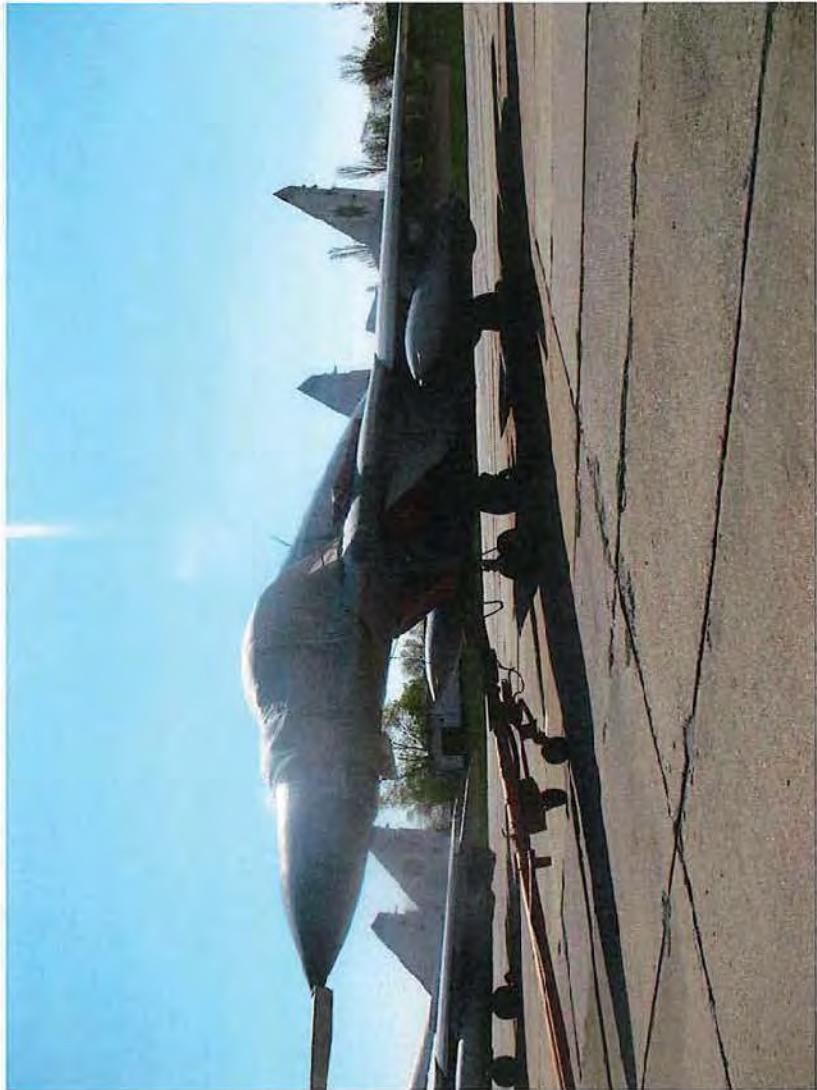
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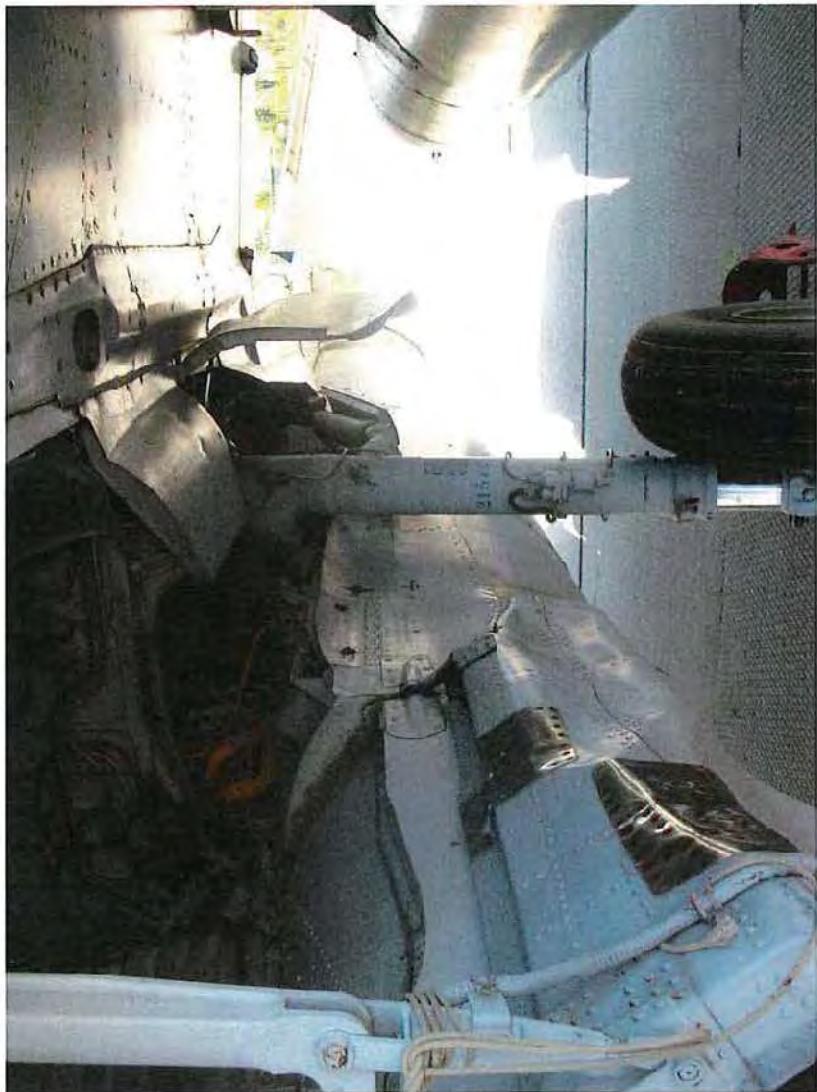
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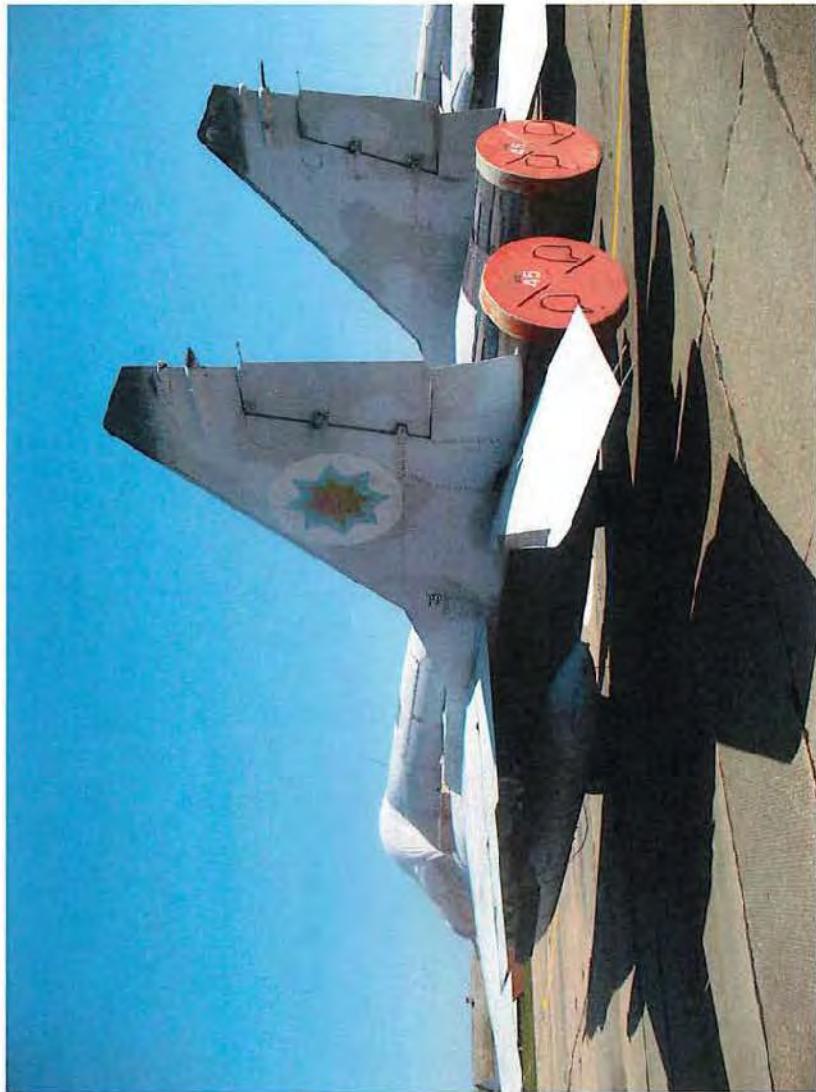
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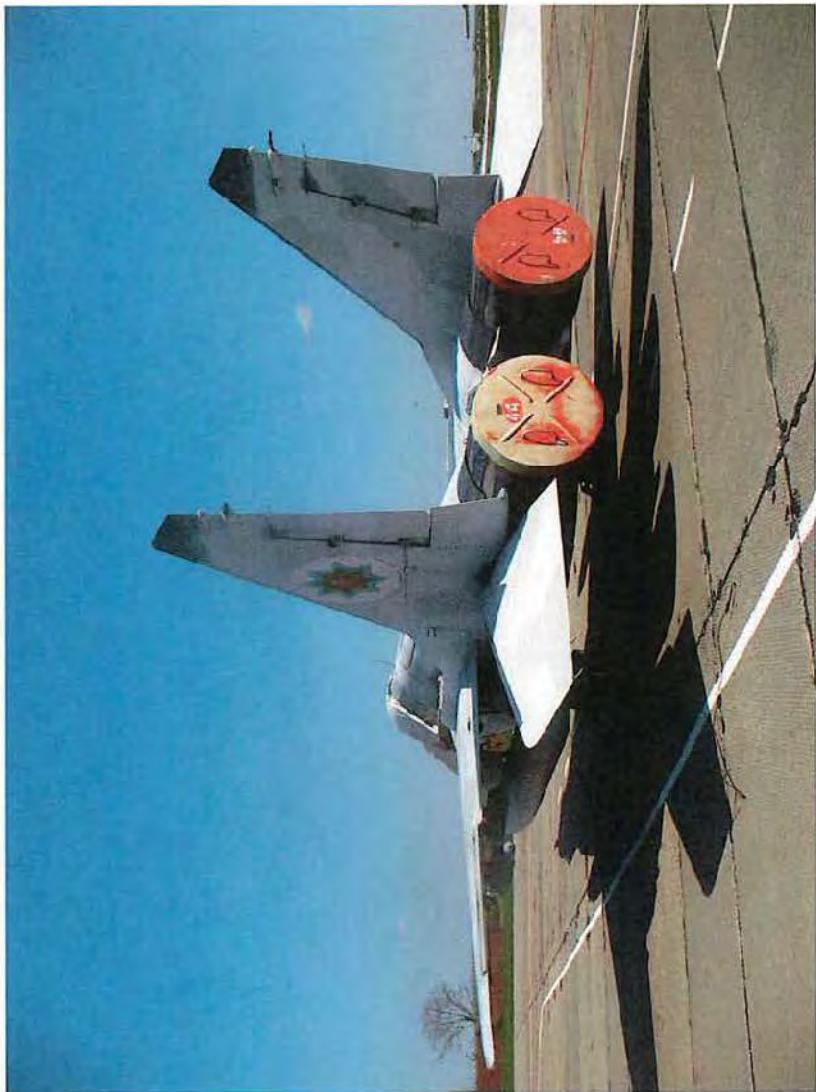
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Ghanem_Sentencing_00000875



00092288

Ghanem_00000241-0021



00092288

Ghanem_00000241-0022



00092288

Ghanem_00000241-0023



00092288

Ghanem_00000241-0024

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA

VS. GHANEM

PLAINTIFF'S EXHIBIT 714

DATE _____ IDEN. _____

DATE _____ EVID. _____

BY _____ DEPUTY CLERK

AO 386

From: sora sora <sora1000.sora1000@gmail.com>
Sent: Wednesday, December 31, 2014 10:58 AM
To: Rami Ghanem <ramithe@gmail.com>
Subject: schedule acquisition of aircraft as I promised

Schedule acquisition of aircraft:

- 5-7 January 2015 will be announced and published information about the auction for the sale of aircrafts MIG - 29
- 7-10 January 2015 we get a list of all documents for participation in the auction
- 15-18 January 2015 we must apply to participate in the auction and show our payment for participation in the auction of 3-5 thousand dollars USA and pay the official advance of 10% of the initial value of the lot
- 25-29 January 2015 will be organized the auction with bids for the sale of aircrafts
- after we win the auction in 3 days we will sign the contract
- after we will sign the contract we need to pay full official price 9.1 mln USD and 1/3 of amount from unofficial price (2 mln USD)
- in 7 days after signing the contract we can take first two aircrafts MIG - 29 and after 7-10 days we can take another 2 and after 7 days more we can close deal and to take the last 2 aircrafts.

Dear brother as we talked reparation will be paid separate in unofficial mode to repare all the aircrafts before the auction. The price for all 6 aircrafts reparation will be from 6 to 8 hundred thousands USD.

THE OFFICIAL END PRICE WILL BE 8,7 - 9,1 mln. USD. THE UNNOFICIAL ADDITIONAL PRICE WILL BE = 6 mln. USD. THE PRICE OF REPARATION WILL BE 6-8 hundred thousand USD.

BEST REGARDS
SERGEI

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA
VS. GHANEM

PLAINTIFF'S EXHIBIT 715

DATE _____ IDEN. _____

DATE _____ EVID. _____

BY _____
DEPUTY CLERK

AO 386

From: Rami Ghanem <ramithe@gmail.com>
Sent: Saturday, October 25, 2014 8:02 AM
To: Dr Wael Suleiman <wmsuleiman@gmail.com>; Rami N Ghanem
<rami@allghanem.com>
Subject: MI-24

Dear Dr. Wael,

We need fully operational crew day/ night for mi24/35 total of 3 helicopters also we need one technician airframe and one power train and firing system technician for the same platform .

Thanks & Regards

RG

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA
VS. GHANEM

PLAINTIFF'S EXHIBIT 716

DATE _____ IDEN.

DATE _____ EVID.

BY _____
DEPUTY CLERK

AO 386

From: D. CORREA, M.SC. \STRATEGIC ADVISOR\ <templar@orbenovo.net>
Sent: Thursday, November 6, 2014 5:52 PM
To: ops@mecemaries.eu
Subject: Air Crew
Attach: Air Crew.pdf



Dear Sirs,

Please let us know of status of data we have discussed
If you have any further questions or you will need to immediately get in touch with me, please call me at direct number
from Washington D.C. 1 (202) 407-9900, or by one of the methods listed below.

With all due respect to you.

D. Correa, M.Sc.

Knights Templar Commander
Sovereign Military Order of the Temple of Jerusalem

Mobiles:
U.S. 1 (202) 817-8000
UK +44 79 0319 6000
Skype: OrbeNovo

Si Vis Pacem, Para Bellum

Mi17 - Flight Crew

Pilot and Co-Pilot

$\$2,000 \times 2 = \$4,000$

Flight Engineer

$\$1,000 \times 1 = \$1,000$

$\$5,000 \text{ per helicopter} \times 2 = \$10,000 \text{ per day}$

$\times 30 \text{ days} = \$300,000 \text{ per month}$

12 month base salary \$3,600,000.00

KnR Insurance = \$1,900 per person per day $\times 30 = \$171,000 \text{ per month}$

Life Insurance = \$50,000 per month $\times 3 = \$150,000 \text{ per month}$

Medical Insurance = \$1,100 per day per person $\times 30 = \$99,000 \text{ per month}$

Medivac Insurance = \$300 per day per person $\times 30 = \$90,000 \text{ per month}$

12 month insurance costs \$510,000 per month

12 month cost \$4,110,000.00

Hazardous Duty Pay 25% = \$1,027,500.00

Daily per diem \$150 $\times 3 = \$450 \times 30 = \$13,500 \text{ per month}$
\$162,500

Housing and Security \$33,000 per month
\$396,000

Airline Flights \$2,000 $\times 3 = \$6,000$
\$36,000

Total \$5,732,000

Project Management \$1,146,400

12 Month Grand Total \$6,878,400

Monthly Cost \$573,200

Mi24 - Flight Crew

Pilot and Co-Pilot

$\$3,000 \times 2 = \$6,000$

Flight Engineer

$\$1,000 \times 1 = \$1,000$

Weapons Systems Engineer

$\$1,000 \times 1 = \$1,000$

$\$8,000 \text{ per Helicopter} \times 2 = \$16,000 \text{ per day}$

$\times 30 \text{ Days} = \$480,000 \text{ per month}$

12 month base contract \$5,760,000.00

KnR Insurance = \$1,900 per person per day $\times 30 = \$171,000 \text{ per month}$

Life Insurance = \$50,000 per month $\times 3 = \$150,000 \text{ per month}$

Medical Insurance = \$1,100 per day per person $\times 30 = \$99,000 \text{ per month}$

Medivac Insurance = \$300 per day per person $\times 30 = \$90,000 \text{ per month}$

12 month insurance costs \$510,000 per month

12 month cost \$6,270,000.00

Hazardous Duty Pay 25% = \$1,567,500.00

Daily per diem \$150 $\times 3 = \$450 \times 30 = \$13,500 \text{ per month}$
\$162,500

Housing and Security \$33,000 per month
\$396,000

Airline Flights \$2,000 $\times 3 = \$6,000$
\$36,000

Total \$8,432,000

Project Management \$1,686,400

12 Month Grand Total \$10,118,400

Monthly Cost \$843,200

GSE

1 Engineer
2 Mechanics
2 Technicians
1 Weapons Engineer

$\$1,000 \times 6 = \$6,000$

$\times 30 \text{ Days} = \$180,000 \text{ per month}$
12 month base contract \$2,160,000.00

KnR Insurance = \$1,900 per person per day $\times 30 = \$342,000$ per month
Life Insurance = \$50,000 per month $\times 6 = \$300,000$ per month
Medical Insurance = \$1,100 per day per person $\times 30 = \$198,000$ per month
Medivac Insurance = \$300 per day per person $\times 30 = \$54,000$ per month

12 month insurance costs \$894,000 per month

12 month cost \$3,540,000.00

Hazardous Duty Pay 25% = \$885,000.00

Daily per diem \$150 $\times 6 = \$900 \times 30 = \$27,000$ per month
\$162,500

Housing and Security \$33,000 per month
\$396,000

Airline Flights \$2,000 $\times 6 = \$12,000$
\$72,000

Total \$5,055,500

Project Management \$1,011,100

12 Month Grand Total \$6,066,600

Monthly Cost \$505,550

Helicopter Pilot Cost

12 Month Total \$16,996,800

Monthly Cost \$1,416,400

Helicopter Pilot Cost

12 Month Total \$6,066,600

Monthly Cost \$505,550

Grand Total Cost \$23,063,400

Monthly Cost \$1,921,950

\$5,765,850 Deposit (3 months)

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA
VS. GHANEM

PLAINTIFF'S EXHIBIT 717

DATE _____ IDEN.

DATE _____ EVID.

BY _____
DEPUTY CLERK

AO 386

From: Rami Ghanem <ramithe@gmail.com>
Sent: Friday, November 7, 2014 4:47 PM
To: philippou@noricum.com.cy
Cc: tomer@tarideal.com
Subject: Libya & Egypt

Nicolas & Tomer

I hope you are well, as an extra work for you I am looking for the following:

Libya

We need fully operational crew for the following:

MI 24 (2 aircraft) Urgent

MI 24 technicians (power train , airframe, armament sys) Urgent

Later

Flight crew for MI 17 (2 aircraft)

Flight crew and technicians for one MIG 21 and one MIG 23

Flight crew and technicians for one IL 76

All should be one year contract

Egypt

For Egypt: please add in your offer 25% extra, for our company will be 10% and the remaining 15% for the final negotiation with the customer.

QTY you can offer only from Stock:

RB-J-7

107mm launchers

BM21 launcher and ammo

Mortars 81 82 60 120

14.5mm twin gun with ammo

Ammo 7.62x51

Ammo 7.62x54

23mm twin gun

Any small arms from stock and the earliest delivery

Offer for Egypt please make it is address to the following:

Egyptian Armed Forces

Cairo – Egypt

I need your quick response please

Thanks & Regards

Rami Ghanem

Gateway to Egypt. (GTE)

Complex 122, Building 16, Apartment 42

Al Rehab City, Cairo Egypt

Telephone# 00201127999552

Jordan Office

Tel: 962 6 5685624

Fax: 962 6 5685625

ramithe@gmail.com or rami@caravanname.com

US Telephone: 772 675-4363 Skype Address: [caravanname](#)

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Life is short.. So love your life.. Be happy.. And Keep smiling.. and

Before you speak »Listen
Before you write »Think
Before you spend »Earn
Before you pray »Forgive
Before you hurt »Feel
Before you hate »Love
Before you quit »Try
Before you die »Live

That's Life...

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA
VS. GHANEM

PLAINTIFF'S EXHIBIT 718

DATE _____ IDEN. _____

DATE _____ EVID. _____

BY _____ DEPUTY CLERK

AO 386

From: Rami Ghanem S4 <ramithe@gmail.com>
Sent: Saturday, November 8, 2014 8:39 AM
To: Mohd <aldaboubim@gmail.com>
Subject: Emailing Air Crew Final.pdf
Attach: Air Crew Final.pdf

Sent from Samsung Mobile.